

# **EXHIBIT H**

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**From:** Auito, Derek [mailto:dauito@mckennalong.com]  
**Sent:** Monday, April 23, 2007 3:12 PM  
**To:** Merideth, Frank (Shld-LA-LT)  
**Cc:** Krietzman, Mark H. (Shld-LA-IP); Ho, Valerie W. (Shld-LA-LT); Ambrozy, Rel; Christenson, Cass; Brzezynski, Lora  
**Subject:** Draft Rebecca Rudich Declaration

Dear Frank:

Attached is a draft of the Rudich declaration that we believe responds to the issues you have raised

Please let us know if you have any questions before we have Ms Rudich sign the declaration

Regards,

Derek

Derek A. Auito, Esq  
McKenna Long & Aldridge LLP  
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7/31/2007

IN THE UNITED STATES DISTRICT COURT  
FOR THE DISTRICT OF DELAWARE

LG PHILIPS LCD CO., LTD.,

Plaintiff,

v.

TATUNG COMPANY; TATUNG  
COMPANY OF AMERICA, INC.;  
and VIEWSONIC CORPORATION,

Defendants.

Civil Action No. 04-343-JJF

**DECLARATION OF REBECCA G. RUDICH**

I, Rebecca G. Rudich, declare:

1. I have personal knowledge of the facts stated in this declaration, and if called as a witness, could competently testify to them.

2. I am a partner of the law firm McKenna Long & Aldridge LLP. I am a registered U.S. Patent Attorney, registration number 41,786.

3. I am the attorney handling the prosecution of U.S. Patent Application 11/096,079 (the "'079 Application").

4. The '079 Application is a continuation of prior application Serial No. 10/787,933, filed February 27, 2004, which is a divisional of prior application Serial No. 10/294,548, filed November 15, 2002, which is a continuation of Application Serial No. 09/285,338, filed April 2, 1999, now U.S. Patent No. 6,501,641.

5. The '079 Application is currently pending before the United States Patent and Trademark Office ("USPTO").

6. On December 19, 2005, the USPTO issued an Office Action pertaining to the '079 Application. A copy of that December 19, 2005 Office Action is attached hereto as Exhibit A.

7. In that December 19, 2005 Office Action the Examiner, *inter alia*, rejected then pending claims 56-65 of the '079 Application "under 35 U.S.C. §103(a) as being unpatentable over IBM color display (IBM 9516-A03) in view of Yun et al. (US 5,835,139)." See page 3 of Exhibit A.

8. I understood the Examiner's citation to the "IBM color display (IBM 9516-A03)" to refer to a document related to the IBM Electronic Pocket Reference Manual for the IBM 9516-A03 Monitor (hereinafter referred to as the "IBM 9516 Reference"), and that document is attached hereto as Exhibit B. The IBM 9516 Reference was submitted to the USPTO via an April 1, 2005 Information Disclosure Statement ("IDS"), attached hereto as Exhibit C.

9. On June 19, 2006, I filed a Response to the December 19, 2005 Office Action. A copy of that June 19, 2006 Response is attached hereto as Exhibit D.

10. In preparation for filing the June 19, 2006 Response, I reviewed the following Non Patent Literature Documents: (1) the IBM 9516 Reference; and (2) photographs of the IBM Monitor, Model No. 9516. The photographs of the IBM Monitor, Model No. 9516 (hereinafter referred to as "the photographs of the IBM 9516"), which are attached hereto as Exhibit E, were submitted to the USPTO via the IDS dated April 1, 2005, attached hereto as Exhibit C.

11. I did not see or physically inspect an actual IBM Monitor, Model No. 9516 product.

12. After reviewing the IBM 9516 Reference and the photographs of the IBM 9516, I responded to the December 19, 2005 Office Action, in part, by directing the Examiner to the cited figure on page 9 of the IBM 9516 Reference, stating “. . . The IBM 9516 is a front mounted display. That is, the flat panel display of the IBM 9516 is mounted by screws that go *through* the rear surface of the rear tray and attach to the front housing. So, nothing in the IBM 9516 teaches or suggests the first frame being fixed to the rear part of the housing. Applicants refer the Examiner to the cited figure on page 9 of the IBM 9516 reference. At best, the figure shows the screws (2) go through the back cover from the back to the front. There is no teaching or suggestion that there is any fixing at the first frame.” See page 6, paragraph 4 of the June 19, 2006 Response attached at Exhibit D.

13. I also responded to, *inter alia*, the Examiner’s rejection of then pending claim 60 of the ‘079 Application under 35 U.S.C. §103(a) as being unpatentable over the IBM 9516 reference in view of Yun.

14. After reviewing the IBM 9516 Reference, I directed the Examiner to the cited figure on page 9 of that reference, stating “. . . As discussed above with respect to claim 56, the flat panel display of the IBM 9516 is mounted by screws that go *through* the rear surface of the rear tray and attach to the front housing. So, nothing in the IBM 9516 teaches or suggests a fastener fixing the rear frame to the rear portion of the housing using the fastening hole associated with the rear surface of the first frame. Applicants refer the Examiner to the cited figure on page 9 of the IBM 9516 reference. At best, the figure shows the screws (2) go through the back cover from the back to the front. There is no teaching or suggestion that there is any fixing of the rear frame to the rear portion of the housing using the fastening hole associated with

the rear surface of the rear frame.” See page 7, paragraph 2 of the June 19, 2006 Response attached at Exhibit D.

15. In the above quoted portions of the June 19, 2006 Response when I used the term “rear tray” I understood that “rear tray” referred to the “first frame,” as recited in the claims. I have indicated this “rear tray” or “first frame” on page 9 of the IBM 9516 Reference by my handwritten notation “X”. See page 9 of Exhibit B. My understanding was based on my review of the IBM 9516 Reference, attached hereto as Exhibit B, and the photographs of the IBM 9516, attached hereto as Exhibit E.

I declare under penalty of perjury that the foregoing is true and correct. Executed this day \_\_\_\_ of April, 2007.

\_\_\_\_\_  
Rebecca G. Rudich

DC:50472500 4

# **EXHIBIT A**



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/096,079	04/01/2005	Jong Hwan Kim	8733 042 21	5046

7590 12/19/2005  
 MCKENNA LONG & ALDRIDGE LLP  
 Song K. Jung  
 1900 K Street, N.W.  
 Washington, DC 20006

EXAMINER
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CHANG, YEAN HSI

ART UNIT	PAPER NUMBER
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2835

DATE MAILED: 12/19/2005

Please find below and/or attached an Office communication concerning this application or proceeding.



<b>Office Action Summary</b>	Application No. 11/096,079		Applicant(s) KIM ET AL.	
	Examiner Yean-Hsi Chang		Art Unit 2835	

- The MAILING DATE of this communication appears on the cover sheet with the correspondence address -

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

1) ☒ Responsive to communication(s) filed on 01 April 2005.

2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

4) ☒ Claim(s) 56-65 is/are pending in the application.

4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.

5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.

6) ☒ Claim(s) 56-65 is/are rejected.

7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.

8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

9) ☐ The specification is objected to by the Examiner.

10) ☒ The drawing(s) filed on 01 April 2005 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) ☒ All    b) ☐ Some \*    c) ☐ None of:

1. ☐ Certified copies of the priority documents have been received.

2. ☒ Certified copies of the priority documents have been received in Application No. 10/787,933.

3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

1) <input type="checkbox"/> Notice of References Cited (PTO-892) 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date <u>4/1, 5/14, 9/13/05</u>	4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s)/Mail Date: _____ 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) 6) <input type="checkbox"/> Other: _____
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Application/Control Number: 11/096,079  
Art Unit: 2835

Page 2

## DETAILED ACTION

### *Claim Rejections - 35 USC § 103*

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 56-65 are rejected under 35 U.S.C. 103(a) as being unpatentable over IBM color display (IBM 9516-A03) in view of Yun et al. (US 5,835,139).

IBM color display teaches a flat panel display device mounted to a housing (figure on page 5) including a front part and a rear part (shown in figure on page 9), wherein the flat panel display device is fixed to the rear part of the housing with a fastening part (2) comprising a fastening hole at the rear surface and within a lateral boundary of the flat panel display device, and a screw (as shown in figure on page 9).

IBM color display fails to indicate the details of the flat panel display device.

Yun teaches a flat panel display device (fig. 6) comprising: a flat display panel (a LCD panel 300), a backlight (110), a light guide (130), a reflector plate (140), a first frame (190), and a second frame (400), wherein the flat display panel is between the first frame and the second frame (shown in fig. 6), and wherein the first frame is positioned substantially to the rear of the backlight (shown in fig. 6).

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It would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the device of the IBM color display with the flat display panel taught by Yun for a complete information of the flat panel display device.

### ***Double Patenting***

3. The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory obviousness-type double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent either is shown to be commonly owned with this application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement.

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

4. Claims 56-65 are provisionally rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 83-84, 88 and 92-93 of copending Application No. 10/787,933. Although the conflicting claims are not identical, they are not patentably distinct from each other because same subject matters

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Art Unit: 2835

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are claimed with some different terminologies, such as: a flat panel display device vs. a flat panel display apparatus, and a housing vs. a case.

This is a provisional obviousness-type double patenting rejection because the conflicting claims have not in fact been patented.

### ***Conclusion***

5. Please be notified that the IDS submitted 4/1/05 includes 10 pages of tables, three of which are not considered since they are not in form-1449.

### ***Correspondence***

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Yean-Hsi Chang whose telephone number is (571) 272-2038. The examiner can normally be reached on 07:30 - 16:00, Monday through Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the Art Unit phone number is (571) 272-2800, ext. 35. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications

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is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-8558.

Yean-Hsi Chang  
Primary Examiner  
Art Unit: 2835  
December 8, 2005



YEAN-HSI CHANG  
PRIMARY EXAMINER



PTO/SB/08a/b (05-03)  
Approved for use through 05/31/2003. OMB 0651-0031  
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE  
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Substitute for form 1449/PTO			<b>Complete If Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			Application Number	11/096,079	
			Filing Date	April 1, 2005	
			First Named Inventor	KIM, et al.	
			Art Unit	2871	
			Examiner Name	TBA	
Sheet	1	of	1	Attorney Docket Number	8733,042.21

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<i>g/h</i>	AA	5,844,772	12/1/1998	Lee et al.	
	BB	5,546,270	8/13/1998	Konno et al.	
	CC	6,188,569	2/13/2001	Minamoto et al.	
	DD	5,284,892	11/23/1993	Hogdahl et al.	
	EE	5,272,801	12/21/1993	McKilip	
	FF	5,836,101	6/3/1997	Bonsall et al.	
	GG	5,835,343	11/10/1998	Johns et al.	
<i>g/h</i>	HH	Des. 328,291	7/28/1992	Falkner	
	II	Des. 356,077	3/7/1995	Harada et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>2</sup> -Number-Kind Code <sup>3</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<i>g/h</i>	BA	JP 05-188810 w/ English Abstract	07/30/1993	Tokyo Electric Co. Ltd.	
<i>g/h</i>	BB	JP 10-117313 w/ English Abstract	05/06/1998	Fujitsu General Ltd.	
<i>g/h</i>	BC	JP 09-190158 w/ English Abstract	07/22/1997	Fujitsu General Ltd.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
<i>g/h</i>	CA	PixelVision SGT 115, five (5) pages	
<i>g/h</i>	CB	Viewsonic 140, five (5) pages	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

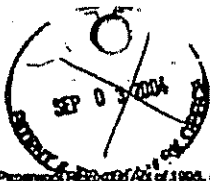
<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language translation is attached.

Examiner Signature	<i>[Signature]</i>	Date Considered	12/6/05
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4/1/05



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PTO/BA03a (03-03)

Approved for use through 07/31/2006. OMB 0421-0001

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/B/PTO

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

## **Complete if Known**

Application Number	10/787,933 - Conf. #8682
Filing Date	February 27, 2004
First Named Inventor	Jong Hwan KIM
Art Unit	2835
Examiner Name	Not Yet Assigned
Attorney Docket Number	8733.042.10-US

Sheet 1 of 1

## **U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
JH/K	AA	US-4,614,408	09-30-1986	MOTOI	
	AB	US-5,001,488	03-19-1991	BRICE et al.	
	AC	US-5,119,204-A	08-02-1992	HASHIMOTO et al.	
	AD	US-5,128,662-A	07-07-1992	FAILLA	
	AE	US-5,363,278-A	11-08-1994	CROCKETT	
	AF	US-5,570,287-A	10-29-1998	MA	
JH/K	AG	US-5,805,117-A	09-08-1998	MAZUREK et al.	
	AH				
	AJ				

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>2</sup> -Number <sup>3</sup> -Kind Code <sup>4</sup> (if known)	Publication Date <sup>5</sup> MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	BA					
	BB					
	BC					
	BD					
	BE					
	BF					
	BG					
	BH					
	BI					
	BJ					

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 601.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard 57.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.19 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

## **NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
JH/K	CA	IBM Monitor Photographs (1998), 21 pages	
	CB	VTech Powerpad Photographs (1993), 9 pages	
	CC		
	CD		
	CE		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	Date Considered
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PTO/SB/08a/b (03-03)  
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Substitute for form 1448/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	11/096,079
		Filing Date	April 1, 2005
		First Named Inventor	KIM, Jong Hwan et al.
		Art Unit	TBA
		Examiner Name	TBA
Sheet	1	of	1
		Attorney Docket Number	8733.042.21

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AI	6,307,530	10/23/2001	Cho	
	AJ	6,061,231	05/09/2000	Crockett	
	AK	5,905,550	05/18/1999	Ohgami et al.	
	AL	5,805,125	09/08/1998	Suganuma et al.	
	AM	5,483,253	01/09/1996	Suganuma et al.	
	AN	5,479,285	12/26/1995	Burke	
	AO	6,144,423	11/07/2000	Kim	
	AP	5,689,400	11/18/1997	Ohgami et al.	
	AQ	5,486,942	01/23/1996	Ichikawa et al.	
	AR	5,002,368	03/26/1991	Anglin	
	AS	6,128,183	10/03/2000	Uchiyama et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>2</sup> -Number <sup>3</sup> -Kind Code <sup>4</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	BB	WO 90/15359	12/13/1990	Poqet Computer Corp.	
	BC	WO 90/10924	09/20/1990	Dynabook Technologies Corp.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CI	Murata et al., 10.4-inch TFT Liquid Crystal Display for Sub-Note Type Personal Computers, National Technical Report, December 1997, Vol. 43, Issue 6, pp. 56-61, w/English Abstract	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner: [Signature] Date: 12/6/05



2/27/04

PTO/SB/01a/b (03-03)  
Approved for use through 07/31/2006. OMB 0831-0001  
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/B/PTO		<b>Complete If Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Application Number	Not Yet Assigned
		Filing Date	February 27, 2004
		First Named Inventor	Jong H. Kim
		Art Unit	N/A
		Examiner Name	Not Yet Assigned
Sheet 1	1	of	2
		Attorney Docket Number	8733.042.10-US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number/Kind Code <sup>2</sup> (if known)			
7/14	AA	US-5,379,182	01-03-1995	FUJIMORI et al.	
	AB	US-5,946,081	08-31-1999	KURIHARA et al.	
	AC	US-5,268,816	12-07-1993	ABELL JR. et al.	
	AD	US-5,835,139	11-10-1998	YUN et al.	
	AE	US-5,423,605	08-13-1995	LIU	
7/14	AF	US-6,285,427	09-04-2001	LEE et al.	
	AG				
	AH				
	AI				
	AJ				

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
		Country Code <sup>2</sup> -Number <sup>3</sup> -Kind Code <sup>2</sup> (if known)					
7/14	BA	GB-2170035-A		07-1986			
	BB	GB-2318110-A		05-1998			
	BC	JP-60-91388		05-1985			
	BD	JP-11-85319		03-1999			
	BE	JP-11-8998		01-1999			
	BF	JP-10-133181		05-1998			
	BG	JP-04-134800		05-1992			
	BH	JP-8-76888		03-1998			
	BI	JP-9-91059		04-1997			
	BJ	JP-8-28545		02-1998			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.19 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T*
7/14	CA	Korean Office Action dated January 31, 2001 (with English translation)			
7/14	CB	Japanese Office Action dated February 13, 2002 (with English translation)			
7/14	CC	Great Britain Office Action dated May 31, 2000			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	<i>[Signature]</i>	Date Considered	12/6/05
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DC:50263016.1

PTO/RS/03a/b (03-03)  
Approved for use through 07/31/2008. CMB 0651-0031  
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1448A/B/PTO			Complete if Known		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)			Application Number	Not Yet Assigned	
			Filing Date	February 27, 2004	
			First Named Inventor	Jong H. Kim	
			Art Unit	N/A	
			Examiner Name	Not Yet Assigned	
Sheet	2	of	2	Attorney Docket Number	8733.042.10-US

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number/Kind Code <sup>2</sup> (if known)				
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	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					

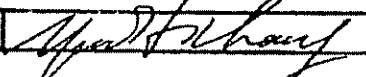
FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)					
g/h	BA	JP	8-211884	08-1988			
g/h	BB	GB	2-318110	05-13-1998			
	BC	KR	98-11817	04-20-1998			
	BD	KR	008055	01-1997			
	BE	KR	027408	07-1998			
g/h	BF	KR	026831	08-1998			
	BG						
	BH						
	BI						
	BJ						

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind's Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard 87.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard 87.18 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	CA			
	CB			
	CC			
	CD			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

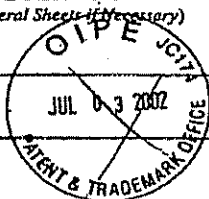
Examiner Signature		Date Considered	12/8/05 7/5/05
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DC:50283018.1

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PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY  
APPLICANT

(Use Several Sheets if Necessary)

Date: July 3, 2002

Applicant  
KIM et al.Filing Date  
April 2, 1999Group  
2835

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL*	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>W/L</i>	5,379,182	1/1995	Fujimori et al.	361	681	
<i>W/L</i>	5,946,061	8/1999	Kurihara et al.	349	58	

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION
<i>W/L</i>	GB2 170 035 A	7/1986	GB	
	GB2 319 110 A	5/1998	GB	
	JP 60-91386	5/1985	JAPAN	
	JP 11-85319	3/1999	JAPAN	Abstract
	JP 11-6998	1/1999	JAPAN	Abstract
	JP 10-133181	5/1998	JAPAN	Abstract
	JP 4-134900	5/1992	JAPAN	Abstract
	JP 8-76886	3/1996	JAPAN	Abstract
	JP 9-91059	4/1997	JAPAN	Abstract
	JP 8-28545	2/1996	JAPAN	Abstract
<i>W/L</i>	JP 8/211964	8/1996	JAPAN	Abstract

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>W/L</i>	Korean Office Action dated January 31, 2001 (with English translation).
<i>W/L</i>	Japanese Office Action dated February 13, 2002 (with English translation).
<i>W/L</i>	GB Office Action dated May 31, 2000.

EXAMINER *W/L* DATE CONSIDERED *12/6/05*

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\*\*English-language abstract provided.

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Substitute for form 1449/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		Application Number	11/096,079
		Filing Date	April 1, 2005
		First Named Inventor	KIM, Jong Hwan et al.
		Art Unit	TBA
		Examiner Name	TBA
Sheet	1	of	1
		Attorney Docket Number	8733.042.21

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
y/lr	AI	6,307,530	10/23/2001	Cho	
	AJ	6,061,231	05/09/2000	Crockett	
	AK	5,905,550	05/18/1999	Ohgami et al.	
	AL	5,805,125	09/08/1998	Suganuma et al.	
	AM	5,483,253	01/09/1996	Suganuma et al.	
	AN	5,479,285	12/26/1995	Burke	
	AO	6,144,423	11/07/2000	Kim	
	AP	5,689,400	11/18/1997	Ohgami et al.	
	AQ	5,486,942	01/23/1996	Ichikawa et al.	
	AR	5,002,368	03/26/1991	Anglin	
	AS	6,128,183	10/03/2000	Uchiyama et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>2</sup> -Number <sup>3</sup> -Kind Code <sup>4</sup> (if known)				
y/lr	BB	WO 90/15359		12/13/1990	Poqet Computer Corp.	
	BC	WO 90/10924		09/20/1990	Dynabook Technologies Corp.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>5</sup>
	CI	Murata et al., 10.4-inch TFT Liquid Crystal Display for Sub-Note Type Personal Computers, National Technical Report, December 1997. Vol. 43, Issue 6, pp. 56-61, w/English Abstract	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>5</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner: *[Signature]* Date: 12/6/05

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		Application Number	TBA	
		Filing Date	April 1, 2005	
		First Named Inventor	KIM, Jong Whan	
		Art Unit	TBA	
		Examiner Name	TBA	
Sheet	1	of	Attorney Docket Number	8733.042.21

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
J/K		5,586,048	10/15/1998	ESTERBERG, et al.	
		6,046,565	04/04/2000	THORNE	
		5,872,808	02/16/1999	KIM	
J/K		5,844,774	12/01/1998	GUSHIKEN, et al.	
		5,487,504	11/21/1995	YANG	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>2</sup> -Number <sup>2</sup> -Kind Code <sup>2</sup> (if known)				
J/K		1998-041727	08/17/1998	SAMSUNG ELECTRONICS CO., LTD.		

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
J/K		Sony 14.1" Notebook PC	
		IBM 9516	
		Pixel Vision SGT15P	
		IBM Monitor, Model # 39H7116	
		View Sonic Corporation Monitor, Model # VPA138	
		View Sonic Corporation Monitor, Model # VP140	
		Cockpit Displays III (SPIE- The International Society for Optical Engineering) Volume 2734	
J/K		Introduction (9516) IBM 9516-A03 Color Display	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	<i>[Signature]</i>	Date Considered	12/6/05
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DC:50320275.1



US 1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY  
APPLICANT

(Use Several Sheets if Necessary)

Date: January 25, 2001Attorney Docket No.  
8733.042.00Application No.  
285,338Applicant  
Jong Hwan KIM, et alFiling Date  
April 2, 1999Group  
2835

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
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	AF						
	AG						
	AH						
	AI						
	AJ						

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	TRANSLATION	
					YES	NO
<i>Y. Lee</i>	AK	2 319 110	05/13/98	GREAT BRITAIN		
<i>Y. Lee</i>	AL	96-11617	04/20/96	KOREA	Abstract	
	AM					
	AN					
	AO					

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	AP	
	AQ	
	AR	

Examiner Signature

*Wants Chang*

Date Considered:

*12/6/05*  
*2/2/07*

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SHEET 1 OF 1

Form PTO 1449 Modified)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO.: 8733.042.00	SERIAL NO.: 09/285,338
LIST OF REFERENCES CITED BY APPLICANT (Use Several Sheets if Necessary)		APPLICANT: Jong Hwan KIM et al.	
		FILING DATE: April 2, 1999	GROUP: 2835

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	Abstract	
					YES	NO
<i>J.H.</i>	AL	006055	01/1997	KOREA	X	
<i>J.H.</i>	AM	027408	07/1998	KOREA	X	
<i>J.H.</i>	AN	026831	08/1998	KOREA	X	
	AO					
	AP					
	AQ					
	AR					
	AS					

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	
	AS	
	AT	

EXAMINER:	<i>Yes H. Chang</i>	DATE CONSIDERED:	<i>12/6/05</i>
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# **EXHIBIT B**





## Introduction (9516)

### Introduction

The IBM 9516-A03 Color LCD Display is equipped with a 16.1-inch diagonal thin-film transistor (TFT) color LCD panel that supports up to 1280-by-1024 resolution under the control of the attached system unit.

The display supports the following graphic adapters:

- POWER Gt3i
- POWER Gt4, POWER Gt4x, POWER Gt4e, POWER Gt4i and POWER Gt4xi
- POWER GXT150, POWER GXT150M, POWER GXT150L and POWER GXT150P
- POWER GXT1000
- E15/S15

The display also supports such IBM PCs as:

PC330, PC720, PC750 and Aptiva, which has a **Trident 9680XGI**, **Trio 64V+** or **S3 Vision 864** video chip installed.

The display supports the following systems:

- VGA (640 x 480 - 60Kz) for monitor startup and diagnostic.
- SXGA (1280 x 1024 - 60Hz) for optimal operation.

The monitor is **NOT AUTO-SYNCHRONOUS** and will not attach to SVGA (800 x 600) and XGA (1024 x 768) display timings.

Sample - SUBMENU - Setup Parameters:

```

PHASE      17
DIVIDE     31
VREF-R    101 \   Maybe you have to adjust
VREF-G    218 - --- the R-G-B settings
VREF-B     78 /   to get a correct color temperature
H-POS     135   (because DEFAULT is not optimal)
V-POS      30

```

Introduction (9516)


Page 2 of 2

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Back to 

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Feel free - send a  for any BUG on this page found - Thank you.

IBM 9516-A03 Color LCD Display

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## IBM 9516-A03 Color LCD Display

### IBM 9516-A03 Color LCD Display



#### Safety Inspection

- **Introduction** (default settings)

**How to force the 9516 to FACTORY DEFAULT setup values**  
(All previously defined setup parameters will be lost)

1. Power-Off the 9516 LCD-Display
2. Press and hold both MINUS (-) buttons (brightness+contrast) and Power-On the 9516 LCD-Display  
(the Standby & Power - LED should start blink)
3. Release both MINUS (-) buttons (brightness+contrast)

The 9516 factory-default setup values are now set and active.

#### General Checkout



#### Removal and Replacement Procedures

- Stand
- Back Cover
- Base Plate
- Ferrite Core Replacement
- EMI Plate Installation
- Fan, Connector Card, and BNC Cable
- Main Board
- Backlights
- LCD and Bezel

IBM 9516-A03 Color LCD Display

Page 2 of 2



Specifications



Locations - Connecting the Interface Cables



Parts Listing

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## Removal and Replacement Procedures (9516)



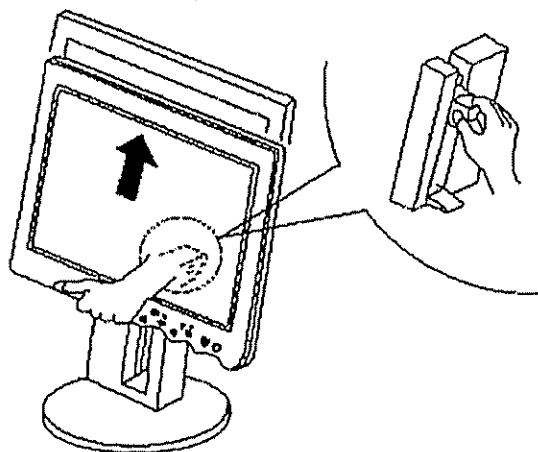
### Removal and Replacement Procedures

This section contains information on removal and replacement.

- The arrows in this section show the direction of movement to remove a FRU. The arrows are marked in numeric order, in square callouts, to show the correct sequence of removal.
- To replace a FRU, reverse the removal procedure and follow any notes that pertain to replacement. See 'Locations' for internal cable connections and arrangement information.
- When other FRUs must be removed before removing the failing FRU, they are listed at the top of the page.
- When replacing a FRU, restore the screws to the same places they were removed from.



Do not put your fingers in the gap of part A.  
They can be pinched when you raise the LCD.



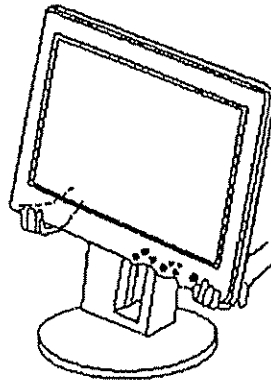


The LCD panel and the main card are sensitive to, and can be damaged by, electrostatic discharge (ESD). Establish personal grounding by touching a ground point with one hand before touching these units. An electrostatic discharge strap can be used to establish personal grounding.



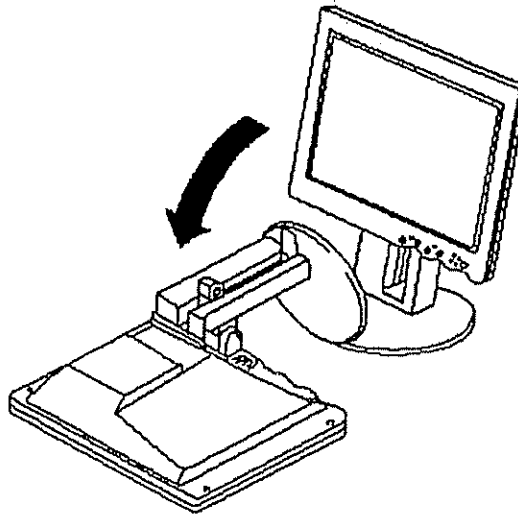
When the LCD becomes dirty, gently wipe it clean with a dry, soft cloth. Avoid using alcohol or detergent to clean the LCD.

When you transport the display, hold it as shown:



You should spread a piece of soft cloth on a flat surface. Then, when required, place the LCD facedown on the cloth to prevent the screen surface from being damaged.

1. While putting the height adjustment buttons, raise the LCD to its highest position.
2. Gently put the display face down on the cloth-covered flat surface.




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Back to 

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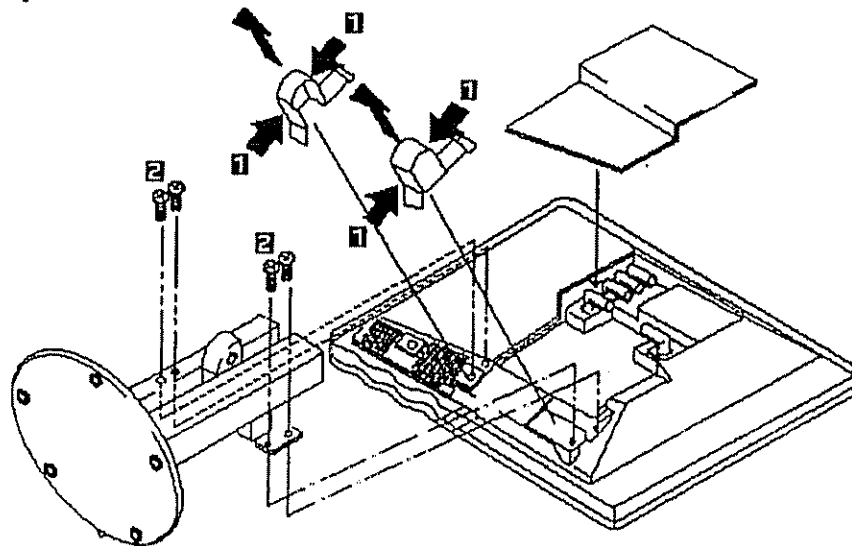
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**1010 Stand (9516)**

## Stand

Pinch the caps 1 and remove it.



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1020 Back Cover (9516)

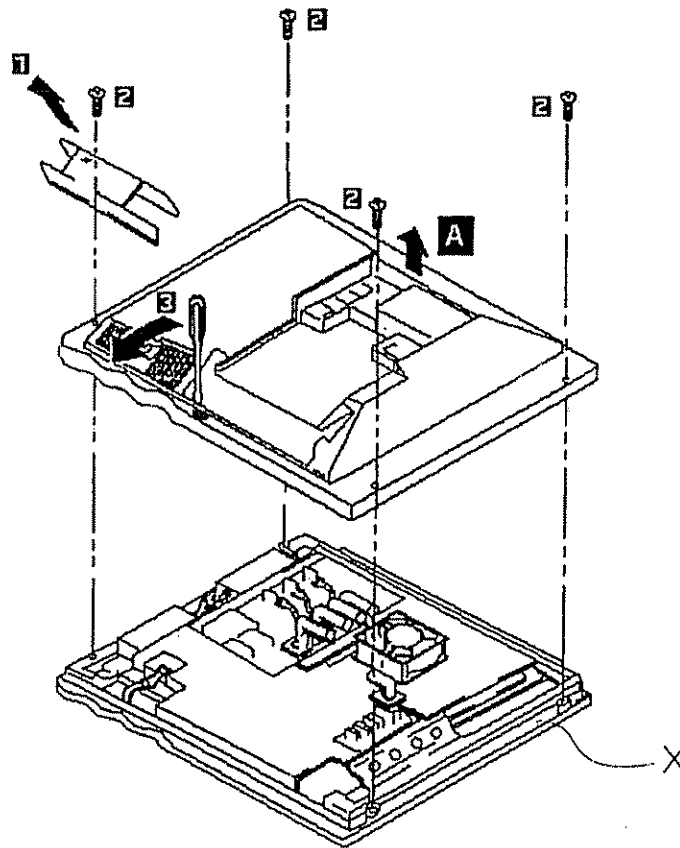
Page 1 of 2



## 1020 Back Cover (9516)

### Back Cover

- Stand



To easily remove the back cover, after removing the screws 2, raise the cover edge A and remove it.


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1020 Back Cover (9516)

Page 2 of 2

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1030 Base Plate (9516)

Page 1 of 2



## 1030 Base Plate (9516)

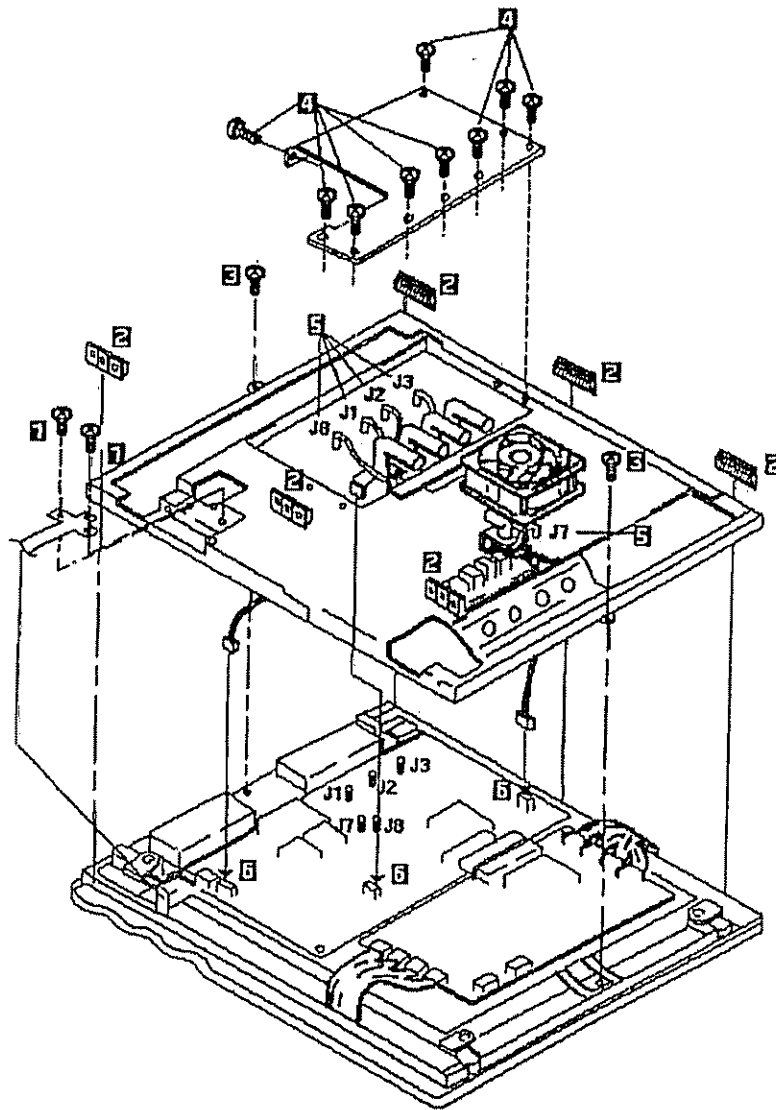
### Base Plate

- Stand
- Back Cover

To disconnect connectors 5, use the removal tool (P/N 85G4847)

1030 Base Plate (9516)

Page 2 of 2




When you replace the base plate, see '[Ferrite Core Replacement](#)' and '[EMI Plate Installation](#)'.

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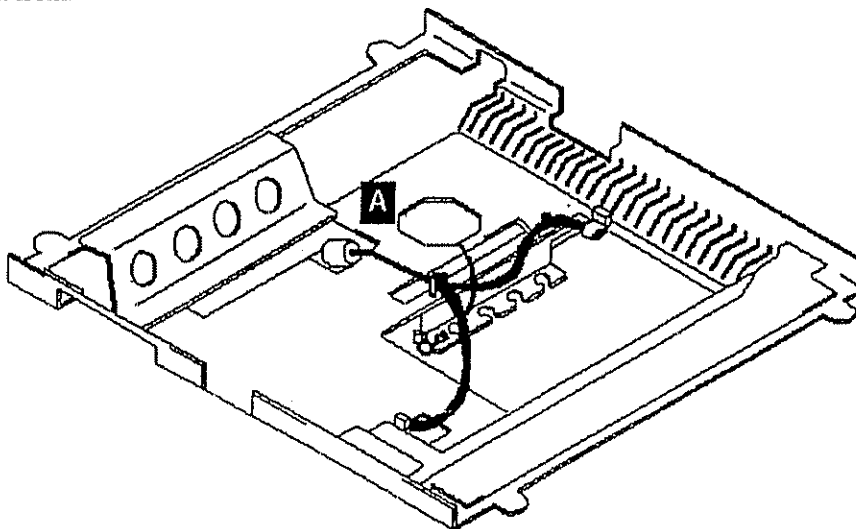
Feel free - send a  for any BUG on this page found - Thank you.



## 1031 Ferrite Core Replacement (9516)

### Ferrite Core Replacement


After reinstalling the base plate, make sure you reattach the core A to the cable to the same place you removed it from.



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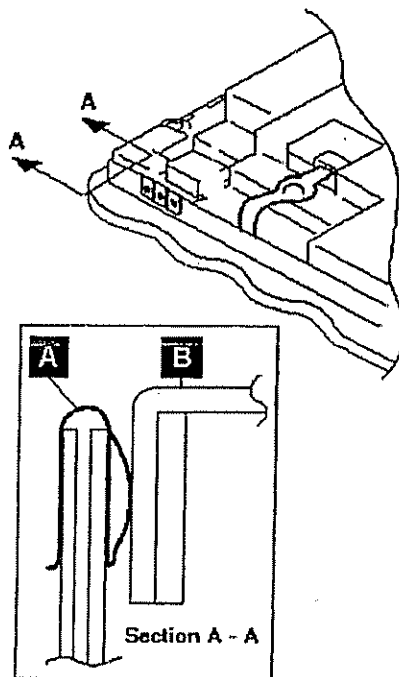
Feel free - send a  for any BUG on this page found - Thank you.



## 1032 EMI Plate Installation (9516)

### EMI Plate Installation


When you reinstall the base plate, make sure you reinstall the six EMI (electromagnetic interference) plates (refer to part 2, shown in 'Base Plate') to the specified place on the metal edge of the LCD. This helps maintain an electrical contact between the LCD A and the base plate B when the base plate is reinstalled.



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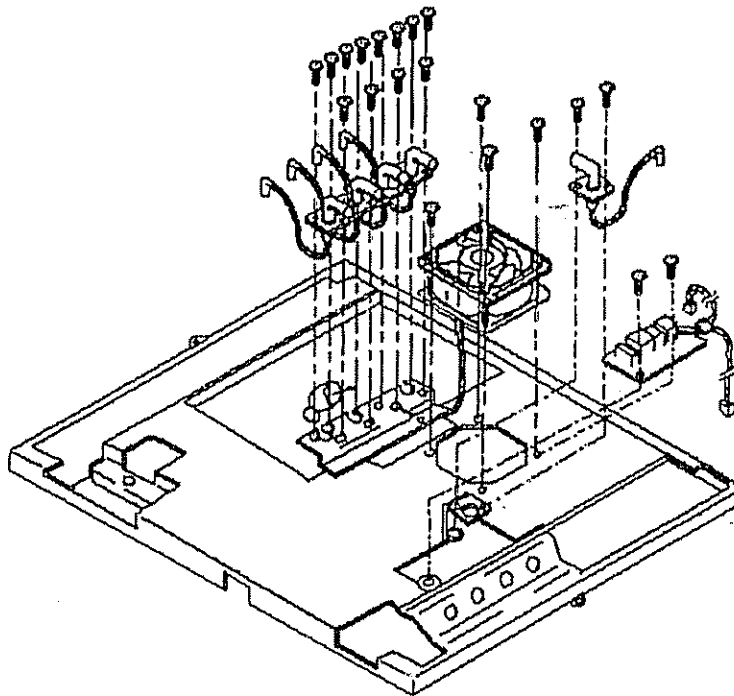
Feel free - send a  for any BUG on this page found - Thank you.



## 1040 Fan, Connector Card, and BNC Cable (9516)

### Fan, Connector Card, and BNC Cable

- Stand
- Back Cover
- Base Plate

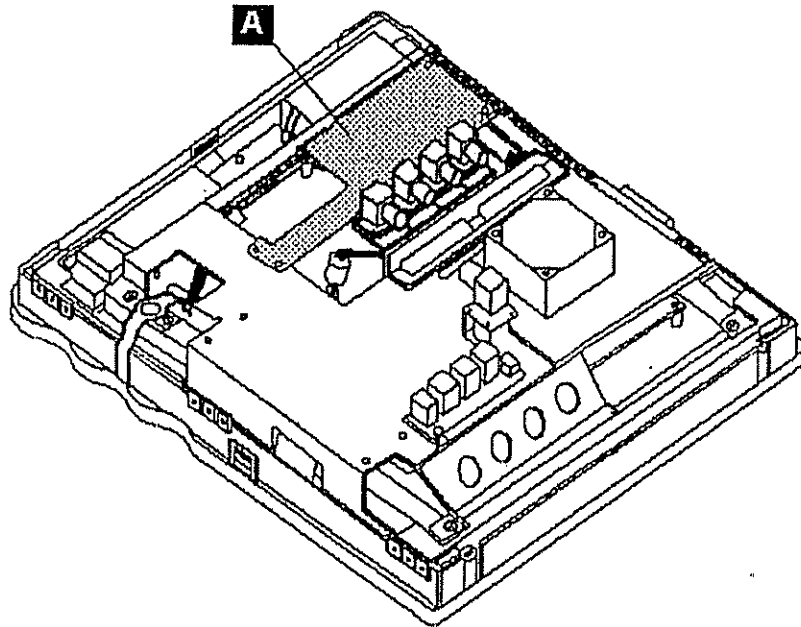


When you replace the BNC cable, see the next picture.

Before replacing the BNC connector, remove the plate A

1040 Fan, Connector Card, and BNC Cable (9516)


Page 2 of 2



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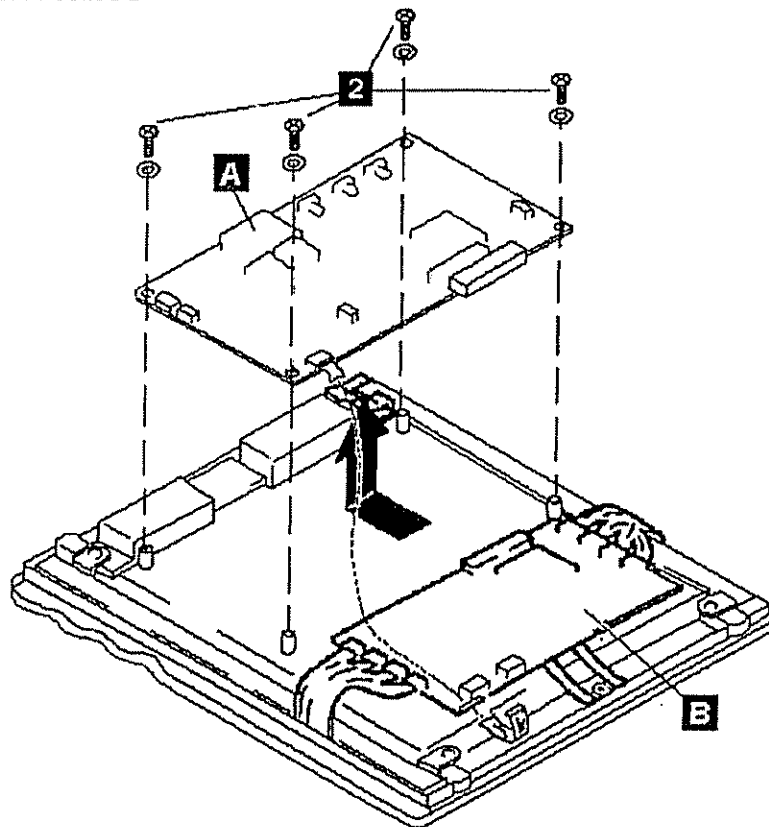
## 1050 Main Board (9516)

### Main Board

- Stand
- Back Cover
- Base Plate

To remove the main board A, slide it in the direction of the arrow, then lift and remove it.

**Do NOT** remove board B




1050 Main Board (9516)

Page 2 of 2

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## 1060 Backlights (9516-Axx)

### Backlights 9516-Axx only

- Stand
- Back Cover
- Base Plate
- Main Board



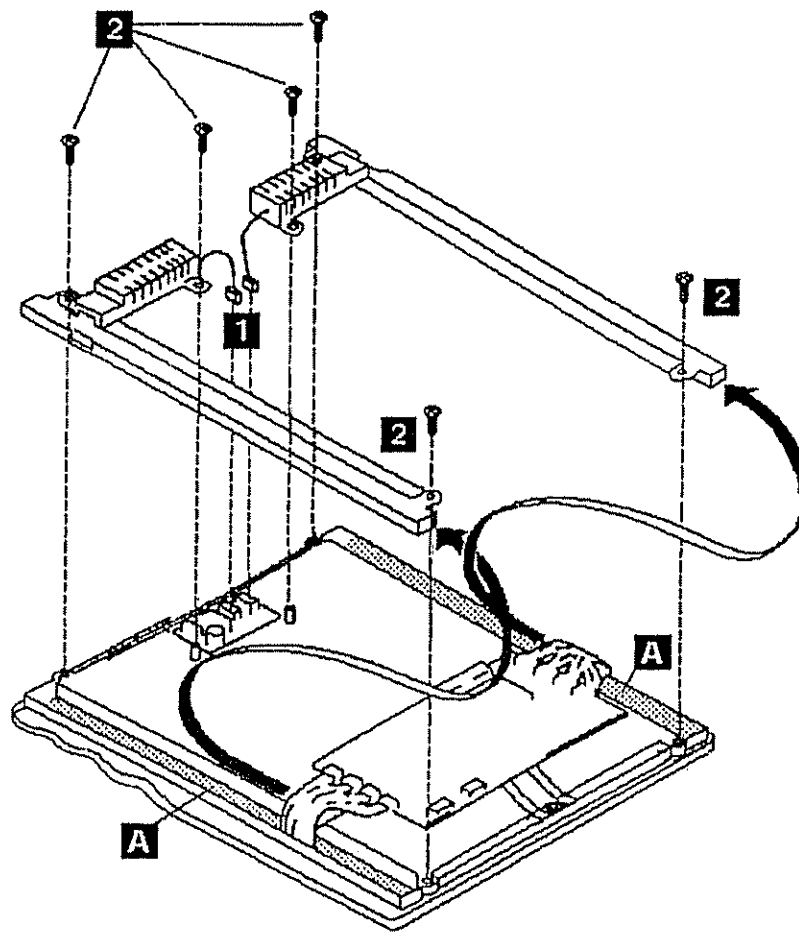
The backlight is made of glass, and rough handling can cause it to break.

The two backlights come with the LCD. They must always be replaced at the same time. **Do NOT** replace a single backlight only.

NOTE: Keep the backlights away from dust. Before you replace the backlights, you should clean the shaded area A with a vacuum cleaner.

1060 Backlights (9516-Axx)


Page 2 of 2



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1070 LCD and Bezel (9516)

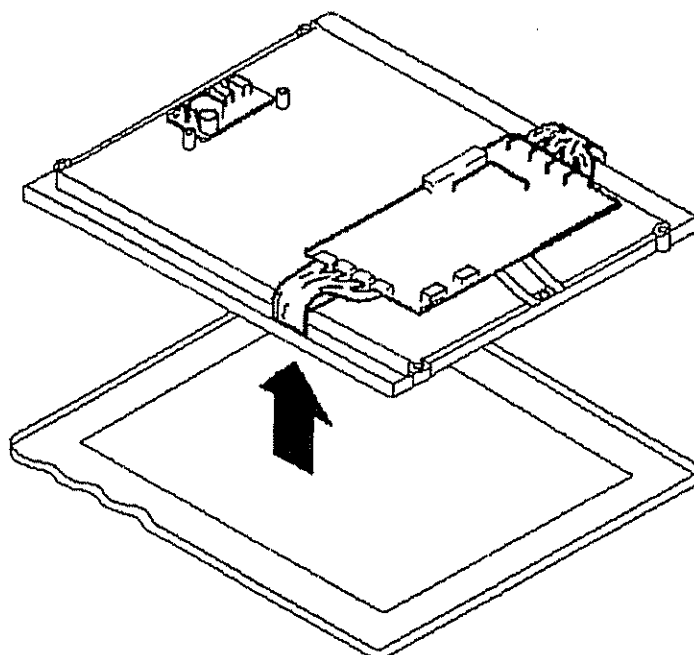
Page 1 of 2



## 1070 LCD and Bezel (9516)

### LCD and Bezel

- Stand
- Back Cover
- Base Plate
- Main Board



NOTE: When you replace the bezel, write down the machine serial number on the label, then put it on the bezel.


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10/0 LCD and Bezel (9516)

Page 2 of 2

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## Specifications (9516)

### Specifications

Size and weight	
Width:	408 mm (16.1 in.)
Depth:	250 mm ( 9.8 in.)
Height (including stand):	Minimum 431 mm (17.0 in.) Maximum 534 mm (21.0 in.)
Weight:	9.5 kg (21.0 lb) for display 0.4 kg (0.9 lb) for AC Adapter
Tilt angle	
Forward:	0° from vertical
Backward:	15° from vertical
LCD characteristics	
LCD type:	TFT color LCD
Screen diagonal:	408 mm (16.1 in.)
Resolutions:	1280 x 1024
Backlight:	HFL
Maximum power dissipation:	55W
Power requirements	
Input voltage:	100-125 Vac 200-240 Vac
Frequency:	50 ±3Hz 60 ±3Hz
Phase:	Single, with ground (3-wire plug)
Output voltage:	+19.0 ±21.0 Vdc
Temperature	
Operating:	10°C to 35°C (50°F to 95°F)
Storage and Shipping:	10°C to 52°C (50°F to 126°F)
Humidity	
Operating:	8%-80%
Storage and shipping:	8%-80%
Maximum altitude	2133 m (7000 ft.)

Back to 

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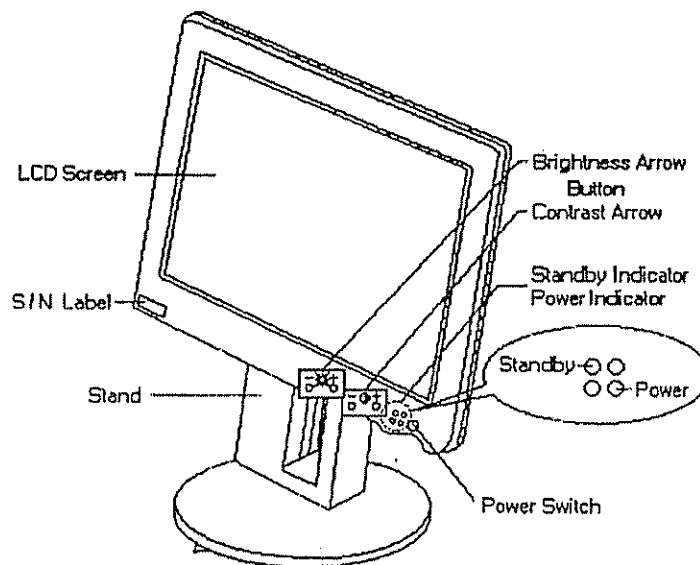
## Locations - Connecting the Interface Cables (9516 Axx/Bxx)



### Locations - Connecting the Interface Cables

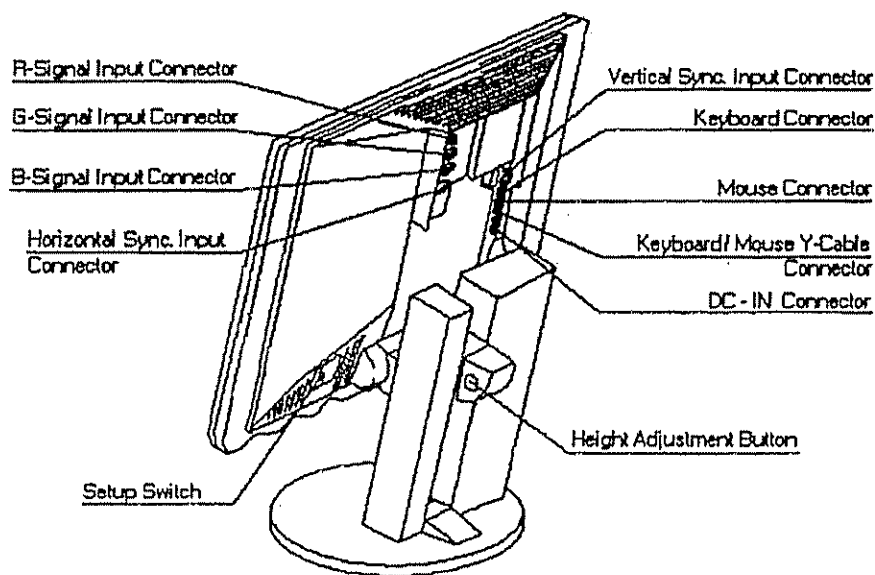
The following identifies the major parts of the IBM 9516-A03 Color LCD Display.

#### Front View



#### Rear View





### Connecting the Interface Cables

1. Turn off the PC or Workstation and all attached devices.
2. Remove the cover at the rear of the 9516 monitor.
3. Connect the video interface cables of the PC or Workstation to the monitor.  
Connect red, green, and blue interface cables to the connectors of the same color on the monitor.  
Also, if the cable has 5 BNCs, connect the H-sync and V-sync interface cable to the corresponding 9516 display connectors.

See Video Cables for the part numbers and more information about the cables.

- A. Position the ends of the cables in front of the connectors.
  - B. Plug in the cables to the connectors. Push and twist the ends of the cables until they are firmly locked to the connectors.
4. If you use standby mode and there is no power-saving function in the computer, you need to connect the optional keyboard/mouse Y-cable (P/N 82H8627), the keyboard and the mouse to the 9516 display.  
If you use DPMS function, you do not need to connect the optional keyboard/mouse Y-cable.

NOTE: If the computer is a SUN or HP workstation, you cannot connect the optional keyboard/mouse Y-cable, because the power-saving function is not supported.

- A. Disconnect the keyboard from the PC or RS/6000. then connect it to the keyboard connector at the rear of the 9516 monitor.
- B. Disconnect the mouse from the PC or RS/6000. then connect it to the mouse connector at the rear of the 9516 monitor.
- C. Connect the keyboard/mouse Y-cable (optional) to the Y-cable connector at the rear of

Locations - Connecting the Interface Cables (9516 Axx/Bxx)

Page 3 of 3

the monitor.

Then connect each plug on the other end of the Y-cable to the PC or RS/6000 keyboard and mouse connectors.

NOTES:

- A. You make these connections to resume operations from standby mode by operating the keyboard or mouse. If you do not need the resume operation from standby mode with the keyboard or mouse, you do not need to make the connections. You cannot use the keyboard speaker when you make these connections.
- B. Do not connect or disconnect the keyboard or mouse when the PC or RS/6000 is in operation.

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Back to 

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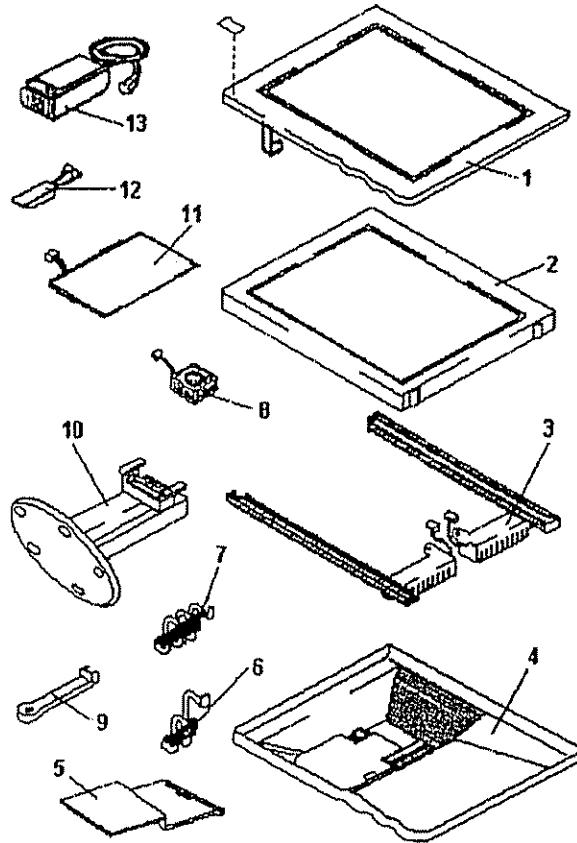
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## Parts Listing (9516)

### IBM 9516-A03 Color LCD Parts



See Part-Two (fullscreen)

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Parts Listing (9516)

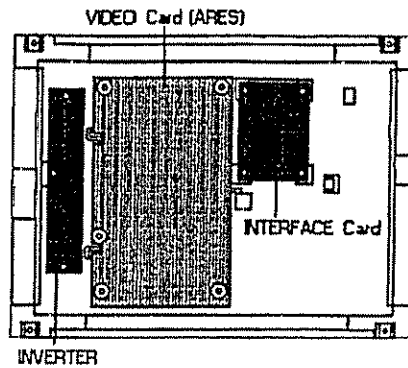
Page 1 of 2

**Parts Listing (9516)**

<b>Index</b>	<b>FRU P/N</b>
1 Bezel Kit	85G4813
2 LCD Module with backlights	73H6640
3 Backlight	73H6641
4 Rear Cover Kit	85G4814
5 Connector Cover	85G4836
6 BNC cable set (H/V)	84G9055
7 BNC cable set (R/G/B)	85G4827
8 Fan	85G4815
9 Tool	85G4847
10 Stand	85G4812
11 Main Board	82H8620
12 Connector Card Kit	85G4817
13 AC Adapter, model A03	85G0167
AC Adapter, model A04 (Japan only)	85G0168
Screw Kit	85G4829
Keyboard/Mouse Y-cable (Optional)	82H8627

Parts Listing (9516)

Page 2 of 2



Interface card (MFG P/N  
73H6617)

21L8177

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# **EXHIBIT C**

Docket No.: 8733.042.21-US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION: Jong Hwan KIM et al.

GROUP ART UNIT: Not Yet Assigned

SERIAL NUMBER: Not Yet Assigned

EXAMINER: Not Yet Assigned

FILED: April 1, 2005

FOR: PORTABLE COMPUTER HAVING A FLAT PANEL DISPLAY DEVICE

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicant(s) wish to disclose the following information.

**REFERENCES**

- ☒ The Applicant(s) wish to make of record the references listed on the attached PTO/SB/08a/b and 892 forms. Copies of the listed references are not provided as they were previously submitted in the Parent Application Nos.: 10/787,933, 10/294,548, and 09/285,338. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. This Information Disclosure Statement accompanies the new continuation application submitted herewith

- ☐ A check is attached in the amount required under 37 CFR § 1.17(p).

- ☒ The Applicants hereby make the following representations regarding the following documents cited in the Non Patent Literature Documents section of attached PTO form PTO/SB/08a/b

Sony 14.1" Notebook PC;  
IBM Monitor, Model No. 9516  
Pixel Vision SGT15P;  
IBM Monitor, Model # 39H7116;  
ViewSonic Corporation Monitor, Model # VPA138;  
ViewSonic Corporation Monitor, Model # VPA140;  
IBM Electronic Pocket Reference Manual for the IBM 9516-A03 Monitor;

The above-listed references have been asserted as being used prior to the earliest filing date of the present application in a related litigation. The Applicants have not been able to verify that these documents are prior art. In addition, the Applicants are not conceding that these documents are in fact prior art with this filing.

**RELATED CASES**

- ☐ Attached is a list of applicant's pending applications or issued patents which may be related to the present application. A copy of the patent(s) is attached along with PTO/ SB/08.
- ☐ A check is attached in the amount required under 37 CFR § 1.17(p).

**NOT AVAILABLE COPY**

Docket No : 8733.042.21

CERTIFICATION

The undersigned certifies that

- ☐ each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ no item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this statement.

PETITION

- ☐ Applicant(s) hereby request consideration of the attached information. A check is attached in the amount of the Petition fee required under 37 CFR § 1.17(i)(1).

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit account No. 50-0911. A duplicate copy of this sheet is enclosed.

Respectfully submitted,



Song K. Jung  
Registration No. 35,210  
MCKENNA LONG & ALDRIDGE LLP  
1900 K Street, N.W.  
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Telephone No: (202) 496-7500

Date: April 1, 2005



PTO/SB/08a/b (05-03)  
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Substitute for form 1449/PTO		<b>Complete If Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	TBA
		Filing Date	April 1, 2005
		First Named Inventor	KIM, Jong Whan
		Art Unit	TBA
		Examiner Name	TBA
Sheet	1	of	Attorney Docket Number 8733.042.21

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		5,566,048	10/15/1996	ESTERBERG, et al.	
		6,046,565	04/04/2000	THORNE	
		5,872,606	02/16/1999	KIM	
		5,844,774	12/01/1998	GUSHIKEN, et al.	
		5,467,504	11/21/1995	YANG	

FOREIGN PATENT DOCUMENTS						
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		Country Code <sup>2</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			
		1998-041727	08/17/1998	SAMSUNG ELECTRONICS CO., LTD.		

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Sony 14.1" Notebook PC	
		IBM 9516	
		Pixel Vision SGT15P	
		IBM Monitor, Model # 39H7116	
		View Sonic Corporation Monitor, Model # VPA138	
		View Sonic Corporation Monitor, Model # VP140	
		Cockpit Displays III (SPIE- The International Society for Optical Engineering) Volume 2734	
		Introduction (9516) IBM 9516-A03 Color Display	

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Substitute for form 1449A/B/PTO		<b>Complete If Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Application Number	10/787,933 - Conf. #8682
		Filing Date	February 27, 2004
		First Named Inventor	Jong Hwan KIM
		Art Unit	2835
		Examiner Name	Not Yet Assigned
Sheet 1 of 1	Attorney Docket Number	8733.042.10-US	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<i>JH</i>	AA	US-4,614,408	09-30-1988	MOTOI	
	AB	US-5,001,488	03-19-1991	BRICE et al.	
	AC	US-5,119,204-A	08-02-1992	HASHIMOTO et al.	
	AD	US-5,128,882-A	07-07-1992	FAILLA	
	AE	US-5,383,276-A	11-08-1994	CROCKETT	
	AF	US-5,570,287-A	10-29-1998	MA	
<i>JH</i>	AG	US-5,805,117-A	09-08-1998	MAZUREK et al.	
	AH				
	AI				
	AJ				

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>2</sup> -Number <sup>3</sup> -Kind Code <sup>4</sup> (if known)	Publication Date <sup>5</sup> MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	BA					
	BB					
	BC					
	BD					
	BE					
	BF					
	BG					
	BH					
	BI					
	BJ					

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NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
<i>JH</i>	CA	IBM Monitor Photographs (1998), 21 pages			
	CB	VTech Powerpad Photographs (1993), 9 pages			
	CC				
	CD				
	CE				

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	<i>[Signature]</i>	Date Considered	1/5/05
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Application Number	10/787,933 - Conf. #6682		
		Filing Date	February 27, 2004		
		First Named Inventor	Jong Hwan KIM		
		Art Unit	2835		
		Examiner Name	Not Yet Assigned		
Sheet	1	of	1	Attorney Docket Number	8733.042.10-US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<i>AM</i>	AA	US-4,814,408	08-30-1988	MOTOI	
	AB	US-5,001,468	03-19-1991	BRICE et al.	
	AC	US-5,119,204-A	08-02-1992	HASHIMOTO et al.	
	AD	US-5,128,882-A	07-07-1992	FAILLA	
	AE	US-5,363,276-A	11-08-1994	CROCKETT	
	AF	US-5,570,287-A	10-29-1998	MA	
<i>AM</i>	AG	US-5,805,117-A	09-08-1998	MAZUREK et al.	
	AH				
	AI				
	AJ				

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>2</sup> -Number <sup>3</sup> -Kind Code <sup>4</sup> (if known)	Publication Date <sup>5</sup> MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	BA					
	BB					
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	BF					
	BG					
	BH					
	BI					
	BJ					

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 509. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
AM	CA	IBM Monitor Photographs (1988), 21 pages			
	CB	VTEch Powerpad Photographs (1993), 9 pages			
	CC				
	CD				
	CE				

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 509. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	<i>Michael Dehaan</i>	Date Considered	1/5/05
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DC:50289670.1

2/27/04

PTO/SB/04a/b (04-03)  
Approved for use through 07/31/2006. CMB 0531-0001  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/B/PTO		<b>Complete If Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Application Number	Not Yet Assigned
		Filing Date	February 27, 2004
		First Named Inventor	Jong H. Kim
		Art Unit	N/A
		Examiner Name	Not Yet Assigned
Sheet	1	of	2
		Attorney Docket Number	8733.042.10-US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
gln	AA	US-5,379,182	01-03-1995	FUJIMORI et al.	
	AB	US-5,946,081	08-31-1999	KURIHARA et al.	
	AC	US-5,268,816	12-07-1993	ABELL JR. et al.	
	AD	US-5,835,139	11-10-1998	YUN et al.	
gln	AE	US-5,423,605	08-13-1995	LIU	
	AF	US-6,285,427	09-04-2001	LEE et al.	
	AG				
	AH				
	AI				
	AJ				

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>2</sup> -Number-Kind Code <sup>3</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
gln	BA	GB-2170035-A	07-1986			
	BB	GB-2319110-A	05-1998			
	BC	JP-60-91388	05-1985			
	BD	JP-11-85319	03-1999			
	BE	JP-11-6998	01-1999			
	BF	JP-10-133181	05-1998			
	BG	JP-04-134900	05-1992			
	BH	JP-8-76886	03-1996			
gln	BI	JP-9-91059	04-1997			
	BJ	JP-8-28545	02-1996			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinda Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
gln	CA	Korean Office Action dated January 31, 2001 (with English translation)		
gln	CB	Japanese Office Action dated February 13, 2002 (with English translation)		
gln	CC	Great Britain Office Action dated May 31, 2000		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	<i>Yoon H. Kim</i>	Date Considered	1/5/05
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PTO/6808a/b (08-03)  
Approved for use through 07/31/2008. OMB 0851-0031  
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1442A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	Not Yet Assigned	
			Filing Date	February 27, 2004	
			First Named Inventor	Jong H. Kim	
			Art Unit	N/A	
			Examiner Name	Not Yet Assigned	
			Attorney Docket Number	8733.042.10-US	
Sheet	2	of	2		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA				
	AB				
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup>	Number-Kind Code <sup>2</sup> (if known)			
	BA	JP	8-211884	08-1998		
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	BF	KR	026831	08-1998		
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	BH					
	BI					
	BJ					

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NON PATENT LITERATURE DOCUMENTS				
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	CA			
	CB			
	CC			
	CD			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

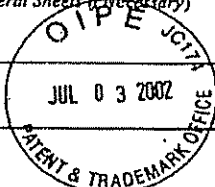
<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	<i>[Signature]</i>	Date Considered	1/5/05
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DC:50263016.1

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY  
APPLICANT  
(Use Several Sheets if Necessary)

Date: July 3, 2002

Applicant  
KIM et al.Filing Date  
April 2, 1999Group  
2835

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EXAMINER INITIAL*	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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JP 11-6998	1/1999	JAPAN	Abstract
JP 10-133181	5/1998	JAPAN	Abstract
JP 4-134900	5/1992	JAPAN	Abstract
JP 8-76886	3/1996	JAPAN	Abstract
JP 9-91059	4/1997	JAPAN	Abstract
JP 8-28545	2/1996	JAPAN	Abstract
JP 8/211964	8/1996	JAPAN	Abstract

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if/ky	Korean Office Action dated January 31, 2001 (with English translation).
if/ky	Japanese Office Action dated February 13, 2002 (with English translation).
if/ky	GB Office Action dated May 31, 2000.

EXAMINER

DATE CONSIDERED

7/30/02

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\*\*English-language abstract provided

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PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY  
APPLICANT

(Use Several Sheets if Necessary)

Date: January 25, 2001

Attorney Docket No.  
8733.042.00Application No.  
285,338Applicant  
Jong Hwan KIMFiling Date  
April 2, 1999Group  
2835

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EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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	AH						
	AI						
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		Document No.	Date	Country	TRANSLATION	
					YES	NO
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4/6	AL	96-11617	04/20/96	KOREA	Abstract	
	AM					
	AN					
	AO					

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc )

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Examiner Signature

Date Considered:

\*EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SHEET 1 OF 1

Form PTO 1449 Modified)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO.: 8733.042.00	SERIAL NO.: 09/285,338				
LIST OF REFERENCES CITED BY APPLICANT (Use Several Sheets if Necessary)		APPLICANT: Jong Hwan KIM et al.					
		FILING DATE: April 2, 1999	GROUP: 2835				
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
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FOREIGN PATENT DOCUMENTS							
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**Notice of References Cited**

Application/Control No.

09/285,338

Applicant(s)/Patent Under  
Reexamination  
KIM ET AL.

Examiner

Yean-Hsi Chang

Art Unit

2835

Page 1 of 1

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*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification	
*	A	US-5,268,816-	12-1993	Abell, Jr. et al.	361	729
*	B	US-5,835,139-	11-1998	Yun et al.	349	58
*	C	US-5,423,605-	08-1995	Liu	312	265.6
	D	US- -				
	E	US- -				
	F	US- -				
	G	US- -				
	H	US- -				
	I	US- -				
	J	US- -				
	K	US- -				
	L	US- -				
	M	US- -				

**FOREIGN PATENT DOCUMENTS**

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	O	- -					
	P	- -					
	Q	- -					
	R	- -					
	S	- -					
	T	- -					

**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)					
	U						
	V						
	W						
	X						

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707 05(a).)  
 Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

**Notice of References Cited**

Application/Control No.

10/787,933

Applicant(s)/Patent Under  
Reexamination  
KIM ET AL.

Examiner

Yean-Hsi Chang

Art Unit

2835

Page 1 of 1

**U.S. PATENT DOCUMENTS**

* [ ]	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
A	US-5,835,139	11-1998	Yun et al.	349/58
B	US-			
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**FOREIGN PATENT DOCUMENTS**

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**NON-PATENT DOCUMENTS**

* [ ]	Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)			
U	Lee et al. (US 2004/0090567 A1), "LIQUID CRYSTAL DISPLAY MODULE AND AN ASSEMBLY METHOD THEREFORE", May 13, 2004.			
V				
W				
X				

copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
 .es in MM-YYYY format are publication dates. Classifications may be US or foreign.

<b>Notice of References Cited</b>				Application/Control No. 09/285,338		Applicant(s)/Patent Under Reexamination KIM ET AL.	
				Examiner Yean-Hsi Chang		Art Unit 2835	
						Page 1 of 1	

U.S. PATENT DOCUMENTS								
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NON-PATENT DOCUMENTS				
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<input type="checkbox"/>	X		<input type="checkbox"/>	<input type="checkbox"/>

\*A copy of this reference is not being furnished with this Office action. (See Manual of Patent Examining Procedure, Section 707.05(a).)

\*\*APS encompasses any electronic search i.e. text, image, and Commercial Databases

J.S. Patent and Trademark Office

PTO-692 (Rev. 03-98)

Notice of References Cited

Part of Paper No. 6

# **EXHIBIT D**



Docket No.: 8733.042.21  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Jong Hwan KIM et al.

Customer No.: 30827

Application No.: 11/096,079

Confirmation No.: 5046

Filed: April 1, 2005

Art Unit: 2835

For: PORTABLE COMPUTER AND METHOD FOR  
MOUNTING A FLAT PANEL DISPLAY  
DEVICE THEREON

Examiner: Y.S. Chang

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT**

Sir:

In response to the Office Action dated December 19, 2006, please amend the patent application identified above as follows:

**INTRODUCTORY COMMENTS**

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 5 of this paper.

Application No.: 11/096,079  
Amdt. dated June 19, 2006  
Reply to Office Action dated December 19, 2006

Docket No.: 8733.042.21

**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

Claims 1-55. (Cancelled)

56. (Currently Amended) A flat panel display device mounted to a housing including a front part and a rear part, the flat panel display device comprising:

a backlight;

a flat display panel, having a display area;

a first frame; and

a second frame, wherein the flat display panel is between the first frame and the second frame, ~~wherein the first frame has~~ including a fastening part behind the display area at a rear surface of ~~and within a lateral boundary of~~ the first frame, and wherein the first frame is positioned substantially to the rear of the backlight, the first frame being fixed to the rear part of the housing with the fastening part at the rear surface of the first frame.

57. (Previously Presented) The flat panel display device as recited in claim 56 further comprising:

a light guide, wherein the first frame is adjacent to the light guide.

58. (Previously Presented) The flat panel display device as recited in claim 56 further comprising:

Application No.: 11/096,079  
Amdt. dated June 19, 2006  
Reply to Office Action dated December 19, 2006

Docket No.: 8733.042.21

a reflector plate, wherein the first frame is immediately adjacent to the reflector plate.

59. (Previously Presented) The flat panel display device as recited in claim 56, wherein the fastening part comprises:

a fastening hole; and

a screw, wherein the screw passes through the fastening hole and through the rear surface of the first frame.

60. (Currently Amended) A flat panel display device comprising:

a flat display panel having a display area;

a backlight;

a front frame;

a rear frame having side surfaces, a rear surface and lateral edges formed where the side surfaces join the rear surface, wherein the rear surface of the rear frame includes a fastening hole, ~~and wherein the fastening hole associated with the rear surface is located within the lateral edges;~~

a housing having a front portion and a rear portion; and

a fastener ~~coupling~~ fixing the rear frame to the rear portion of the housing using the fastening hole associated with the rear surface of the rear frame, wherein the flat display panel and the backlight are disposed between the front and rear frames and wherein the fastener is behind the display area.

Application No.: 11/096,079  
Amdt. dated June 19, 2006  
Reply to Office Action dated December 19, 2006

Docket No.: 8733.042.21

61. (Previously Presented) The flat panel display device of claim 60, wherein the fastening hole associated with the rear surface of the rear frame is located adjacent to the lateral edge.

62. (Previously Presented) The flat panel display device of claim 60, wherein the flat display panel is a liquid crystal display (LCD).

63. (Previously Presented) The flat panel display device of claim 60, wherein the fastener is a screw.

64. (Previously Presented) The flat panel display device of claim 63, wherein the fastening hole associated with the rear surface of the rear frame includes a screw hole.

65. (Currently Amended) The flat panel display device of claim 60, wherein the fastening hole and the fastener define a fastening part.

66. (New) The flat panel display device of claim 56, the display area including an active region and an inactive region, wherein the fastening part is behind the active region of the display area.

67. (New) The flat panel display device of claim 56, the display area including an active region and an inactive region, wherein the fastening part is behind the inactive region of the display area.



Application No.: 11/096,079

Docket No.: 8733.042.21

Amdt. dated June 19, 2006

Reply to Office Action dated December 19, 2006

68. (New) The flat panel display device of claim 60, the display area including an active region and an inactive region, wherein the fastening part is behind the active region of the display area.

69. (New) The flat panel display device of claim 60, the display area including an active region and an inactive region, wherein the fastening part is behind the inactive region of the display area.

Application No.: 11/096,079  
 Amdt. dated June 19, 2006  
 Reply to Office Action dated December 19, 2006

Docket No.: 8733.042.21

### REMARKS

At the outset, the Examiner is thanked for the thorough review and consideration of the pending application. The Office Action dated December 19, 2006, has been received and its contents carefully reviewed.

Claims 56, 60 and 65 are hereby amended; and claims 66-69 are hereby added. Accordingly, claims 56-69 are currently pending. Reexamination and reconsideration of the pending claims is respectfully requested.

In the Office Action, claims 56-65 are rejected under 35 U.S.C. § 103(a) as being unpatentable over IBM color display (IBM 9516-A03)(hereinafter "IBM 9516") in view of U.S. Patent No. 5,835,139 to Yun et al. (hereinafter "Yun"). Claims 56-65 are also provisionally rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 83-84, 88 and 92-93 of copending Application No. 10/787,933 (hereinafter "the '933 application").

In the Office Action, the Examiner states "IBM color display teaches a flat panel display device . . . wherein the flat panel display device is fixed to the rear part of the housing with a fastening part (2) comprising a fastening hole at the rear surface and within a lateral boundary of the flat panel display device." Applicants note that this statement is incorrect for several reason. That is, IBM 9615 does not teach or suggest "the flat display panel . . . between the first frame and the second frame, the first frame including a fastening part behind the display area at a rear surface of the first frame . . . the first frame being fixed to the rear part of the housing with the fastening part at the rear surface of the first frame," as recited by at least independent claim 56 of the present application. The IBM 9516 is a front mounted display. That is, the flat panel display of the IBM 9516 is mounted by screws that go *through* the rear surface of the rear tray and attach to the front housing. So, nothing in the IBM 9516 teaches or suggests the first frame being fixed to the rear part of the housing. Applicants refer the Examiner to the cited figure on page 9 of the IBM 9516 reference. At best, the figure shows the screws (2) go through the back cover from the back to the front. There is no teaching or suggestion that there is any fixing at the first frame. And in fact, in the physical device, the fixing occurs at the front housing of the IBM 9516.

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Yun fails to cure these deficiencies in the IBM 9516. Therefore, Applicants submit that claim 56, and claims 57-59 and 66-67, which depend from claim 56, are allowable over the cited references.

Moreover, IBM 9615 does not teach or suggest "a fastener fixing the rear frame to the rear portion of the housing using the fastening hole associated with the rear surface of the rear frame, wherein the flat display panel and the backlight are disposed between the front and rear frames and wherein the fastener is behind the display area," as recited by at least independent claim 60 of the present application. As discussed above with respect to claim 56, the flat panel display of the IBM 9516 is mounted by screws that go *through* the rear surface of the rear tray and attach to the front housing. So, nothing in the IBM 9516 teaches or suggests a fastener fixing the rear frame to the rear portion of the housing using the fastening hole associated with the rear surface of the rear frame. Applicants refer the Examiner to the cited figure on page 9 of the IBM 9516 reference. At best, the figure shows the screws (2) go through the back cover from the back to the front. There is no teaching or suggestion that there is any fixing of the rear frame to the rear portion of the housing using the fastening hole associated with the rear surface of the rear frame. And in fact, in the physical device, there is no such fixing of the rear frame to the rear portion of the housing of the IBM 9516.

Yun fails to cure these deficiencies in the IBM 9516. Therefore, Applicants submit that claim 60, and claims 61-65 and 68-69, which depend from claim 60, are allowable over the cited references.

Applicants acknowledge the provisional obviousness double patenting rejection of claims 56-65 over the copending '933 application. Applicants note that the claim amendments made herein and the claim amendments recently made in the '933 application render the provisional obviousness double patenting rejection moot.

Applicants believe the foregoing amendments place the application in condition for allowance and early, favorable action is respectfully solicited.

If for any reason the Examiner finds the application other than in condition for allowance, the Examiner is requested to call the undersigned attorney at (202) 496-7500 to

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discuss the steps necessary for placing the application in condition for allowance. All correspondence should continue to be sent to the below-listed address.

If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time, or any other fees required to complete the filing of this response, may be charged to Deposit Account No. 50-0911. Please credit any overpayment to deposit Account No. 50-0911. A duplicate copy of this sheet is enclosed.

Dated: June 19, 2006

Respectfully submitted,

By   
Rebecca G. Rudich

Registration No.: 41,786

McKENNA LONG & ALDRIDGE LLP

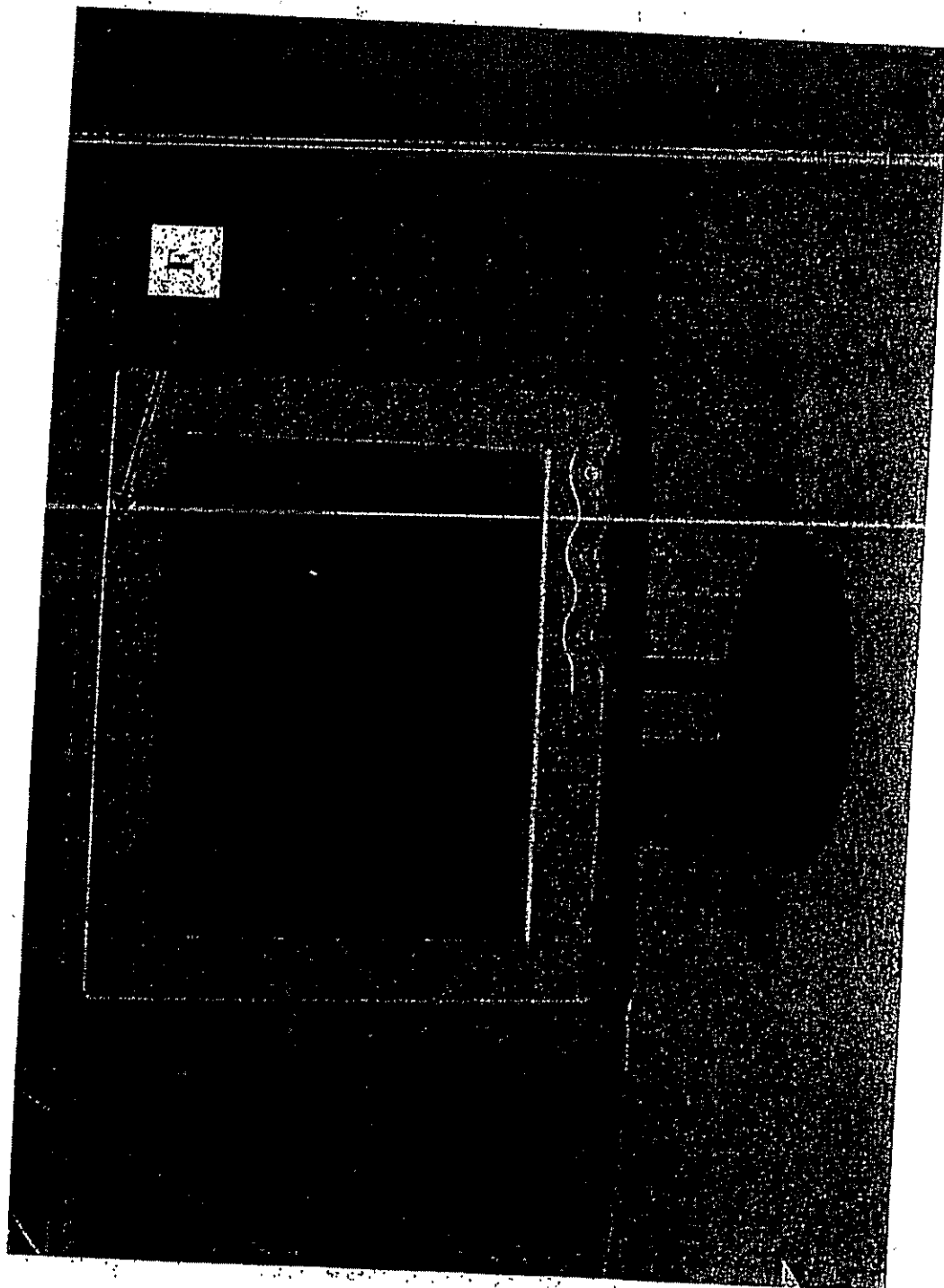
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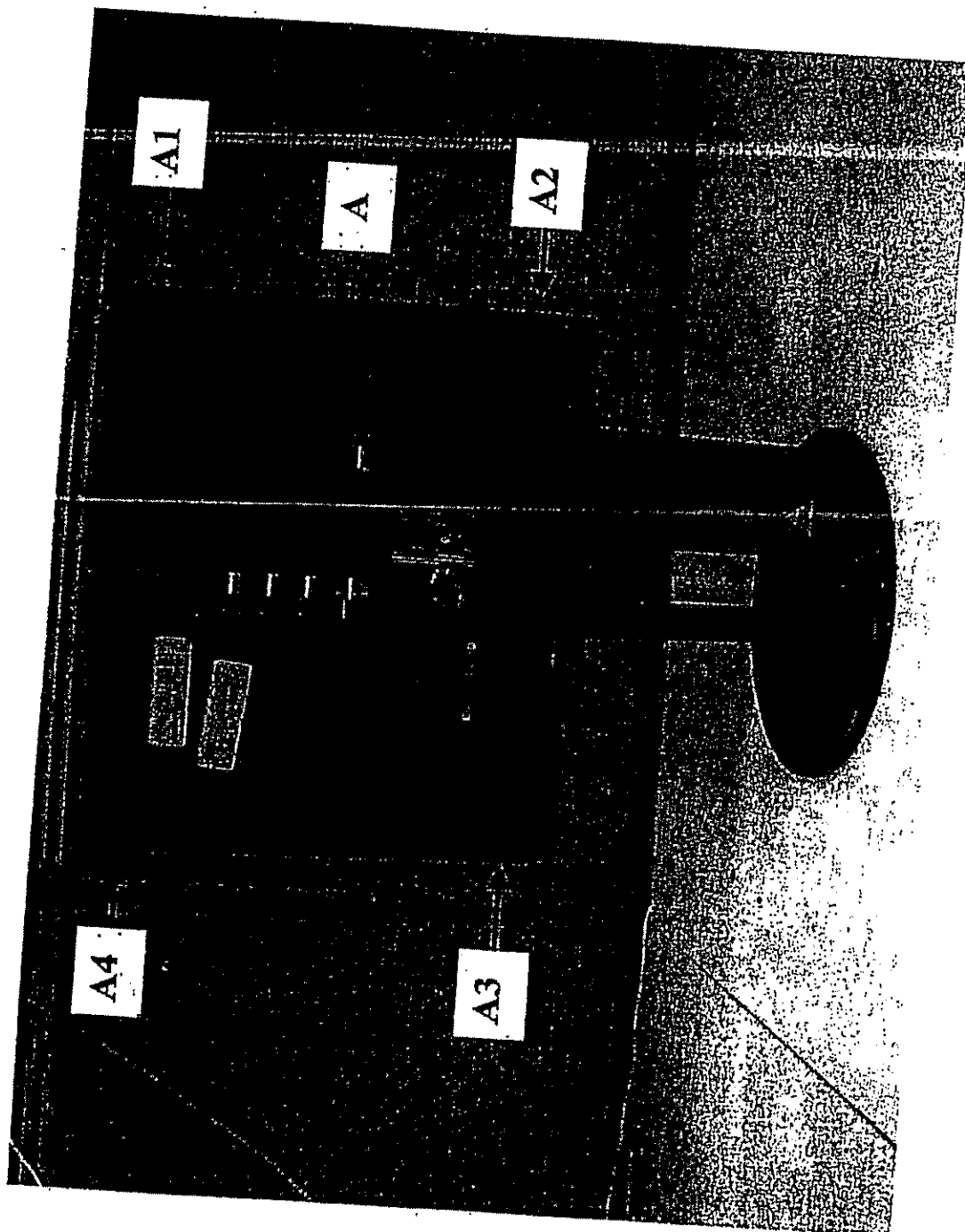
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Attorney for Applicant

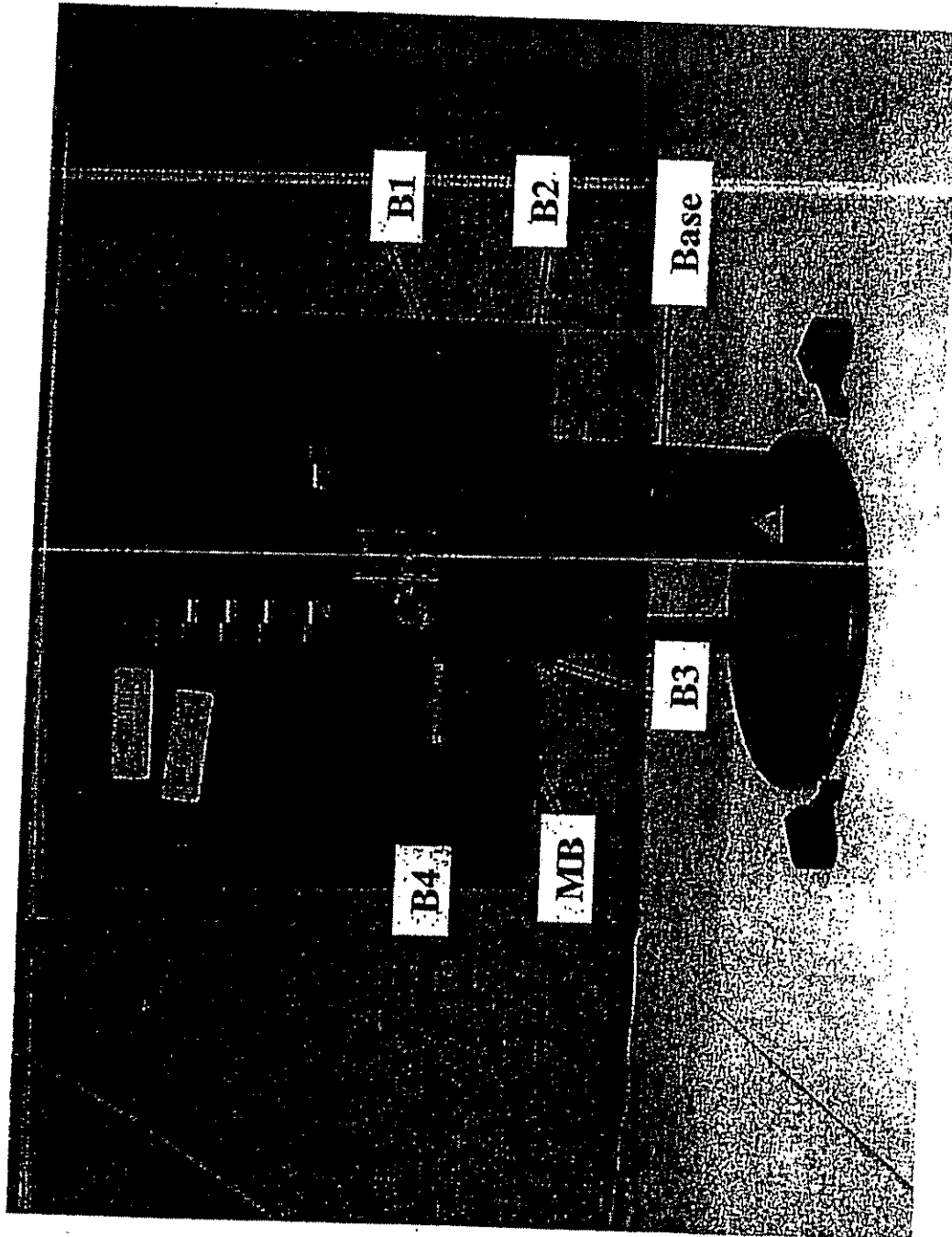
# **EXHIBIT E**



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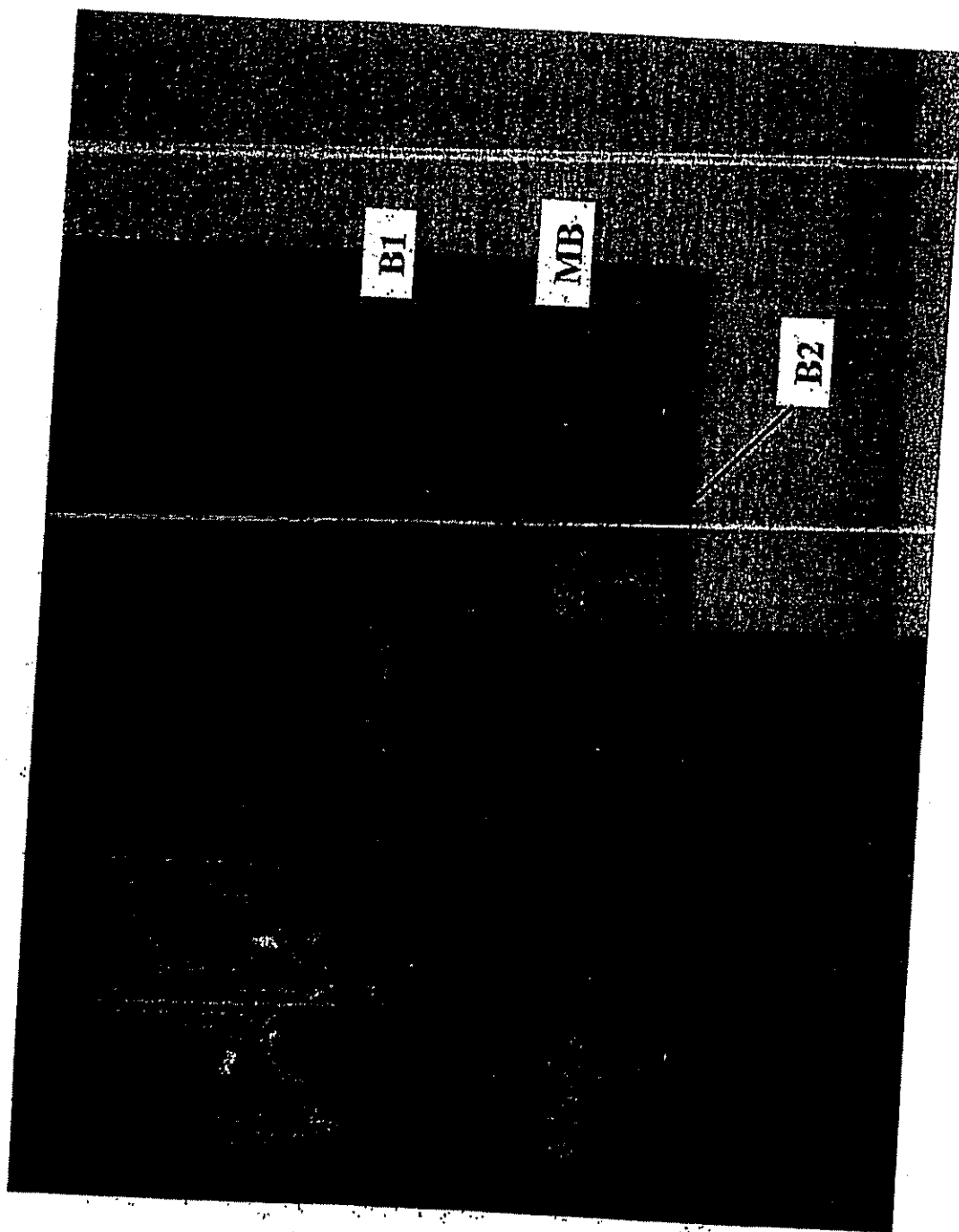


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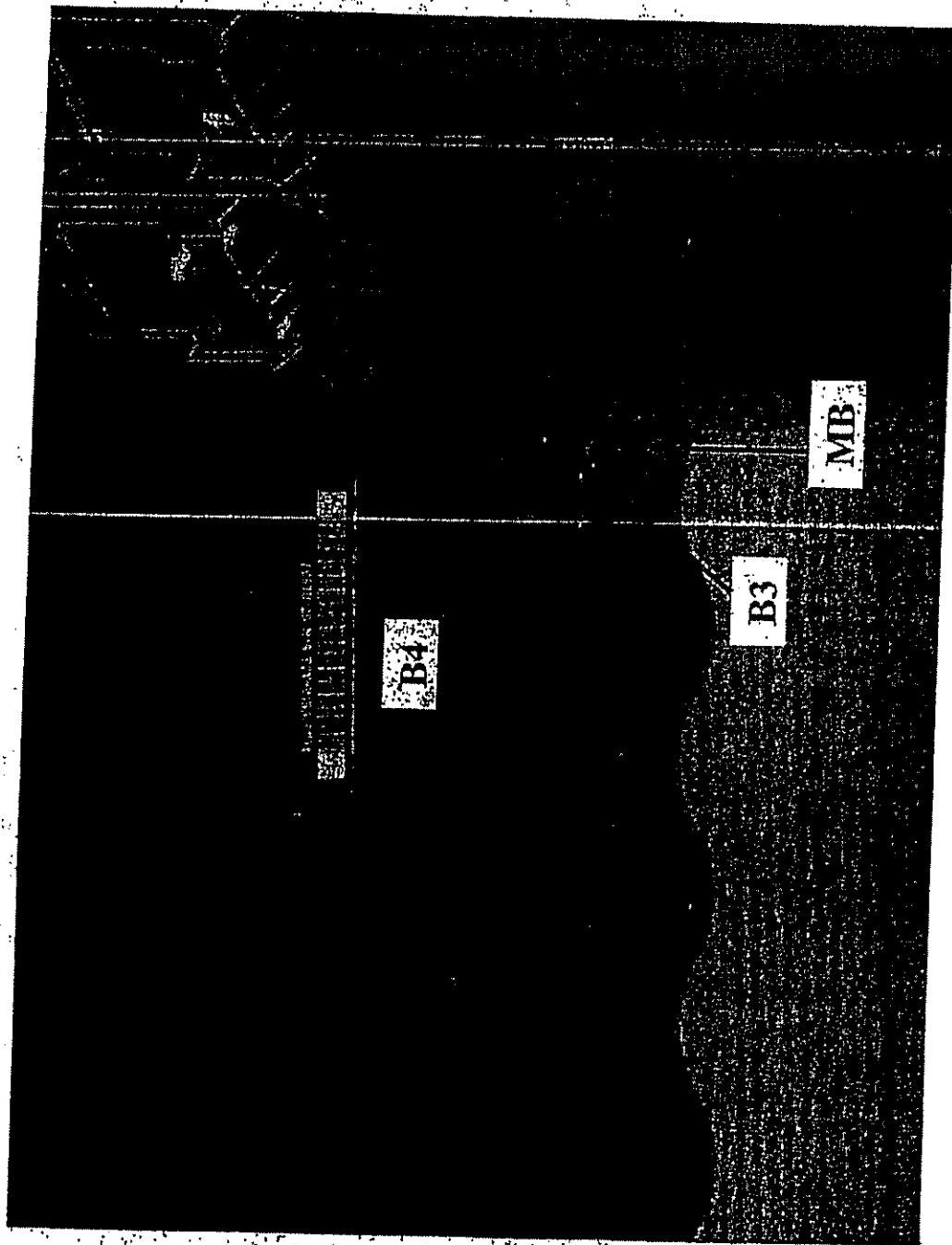


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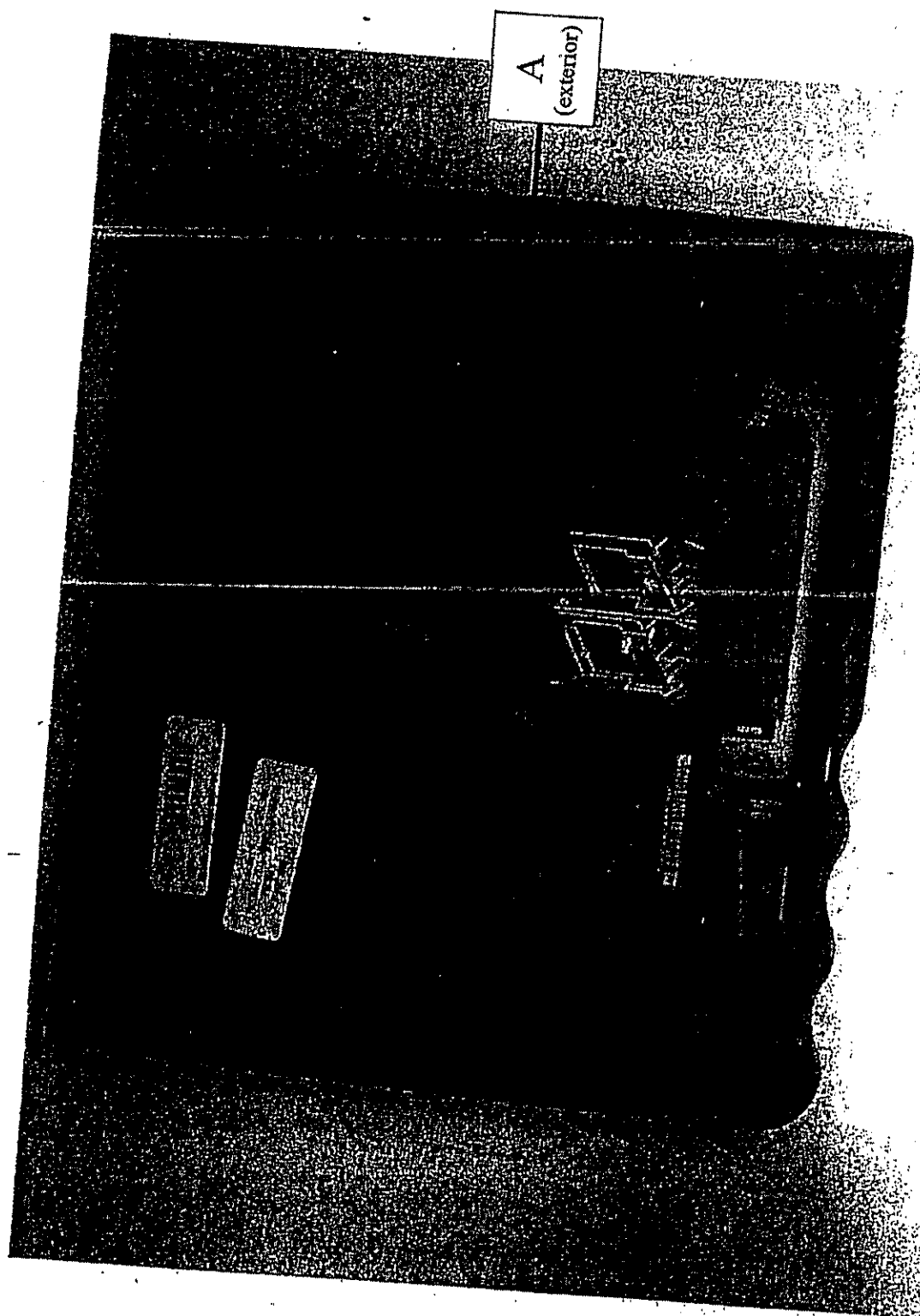




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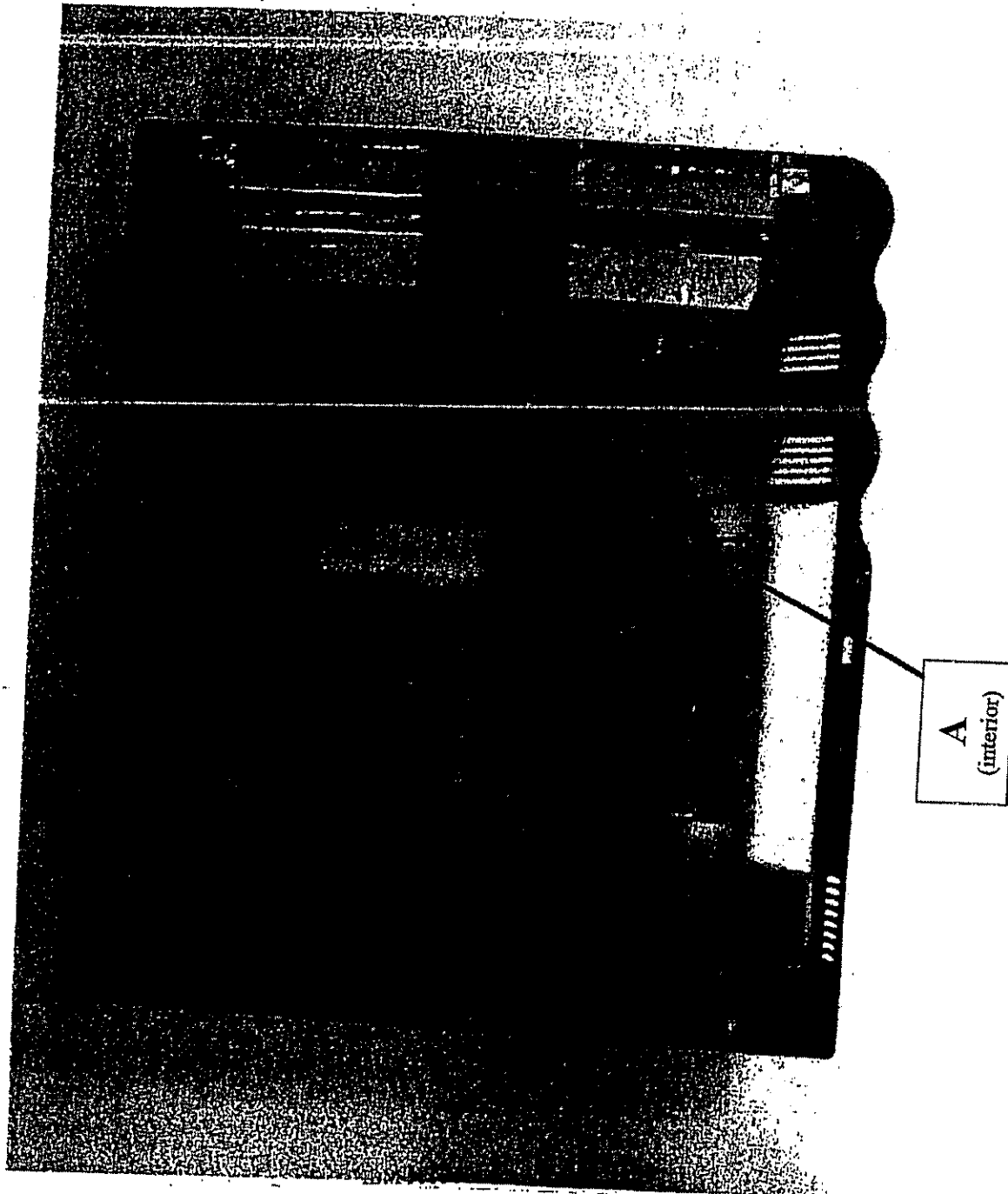


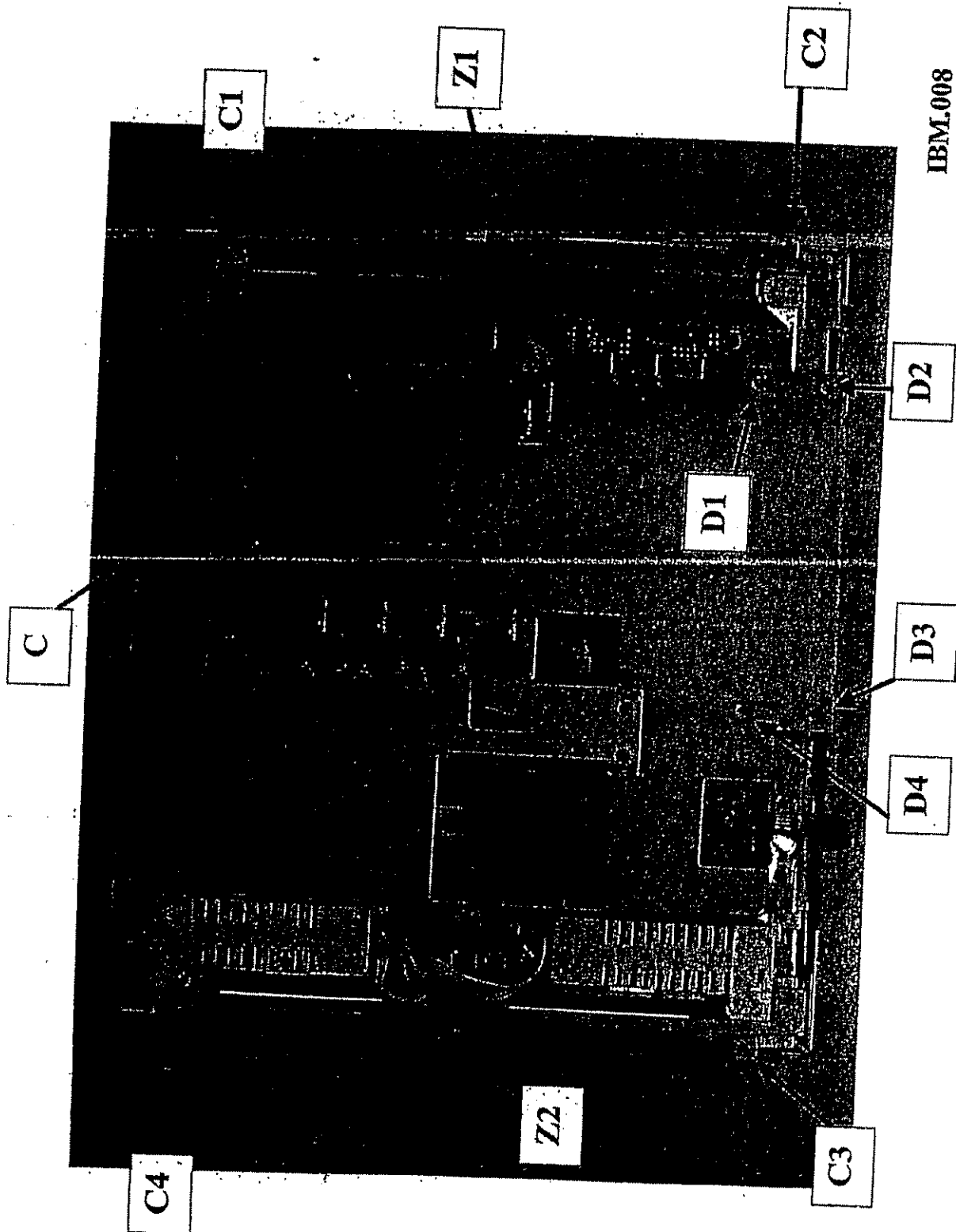
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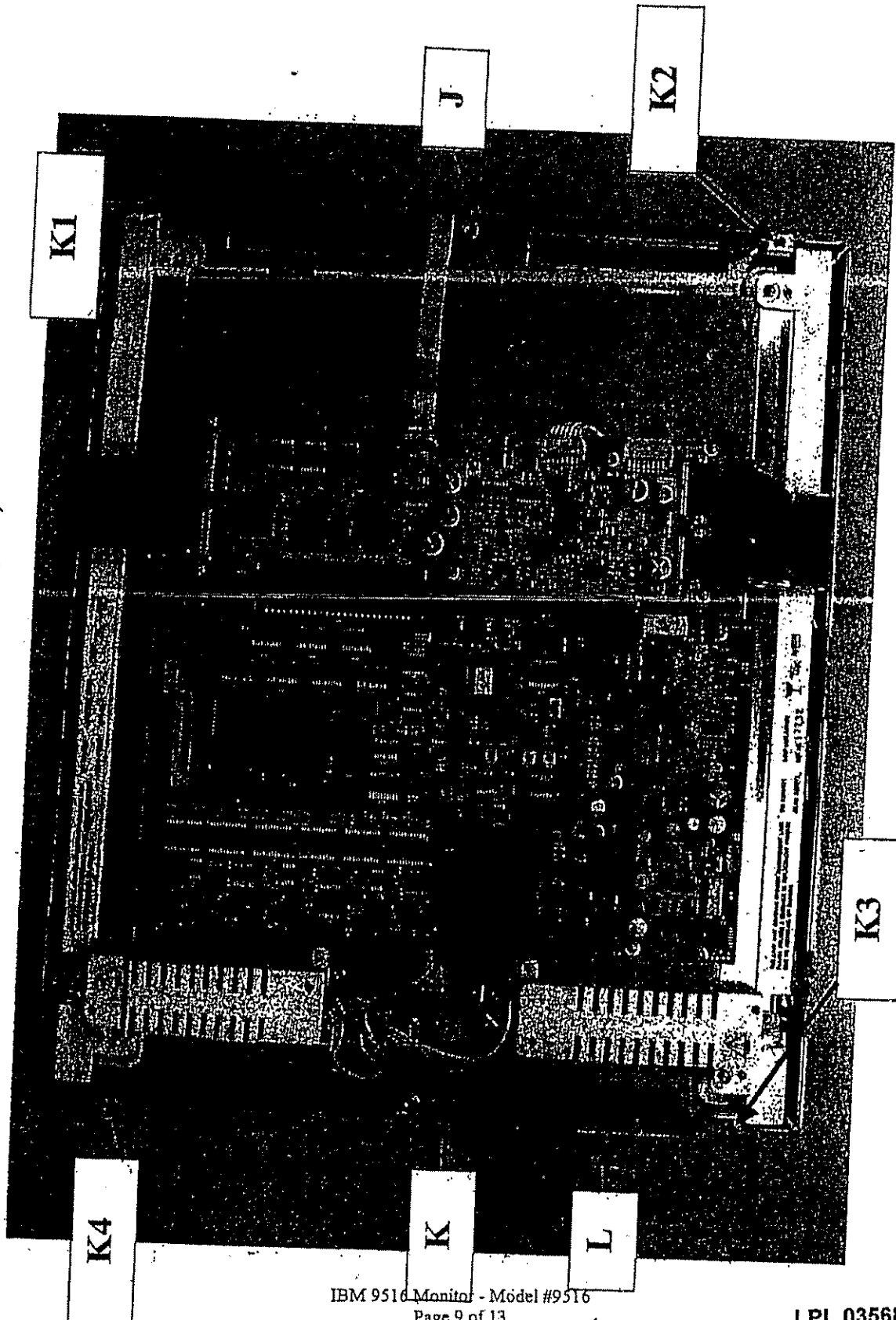




IBM 9516 Monitor - Model #9516  
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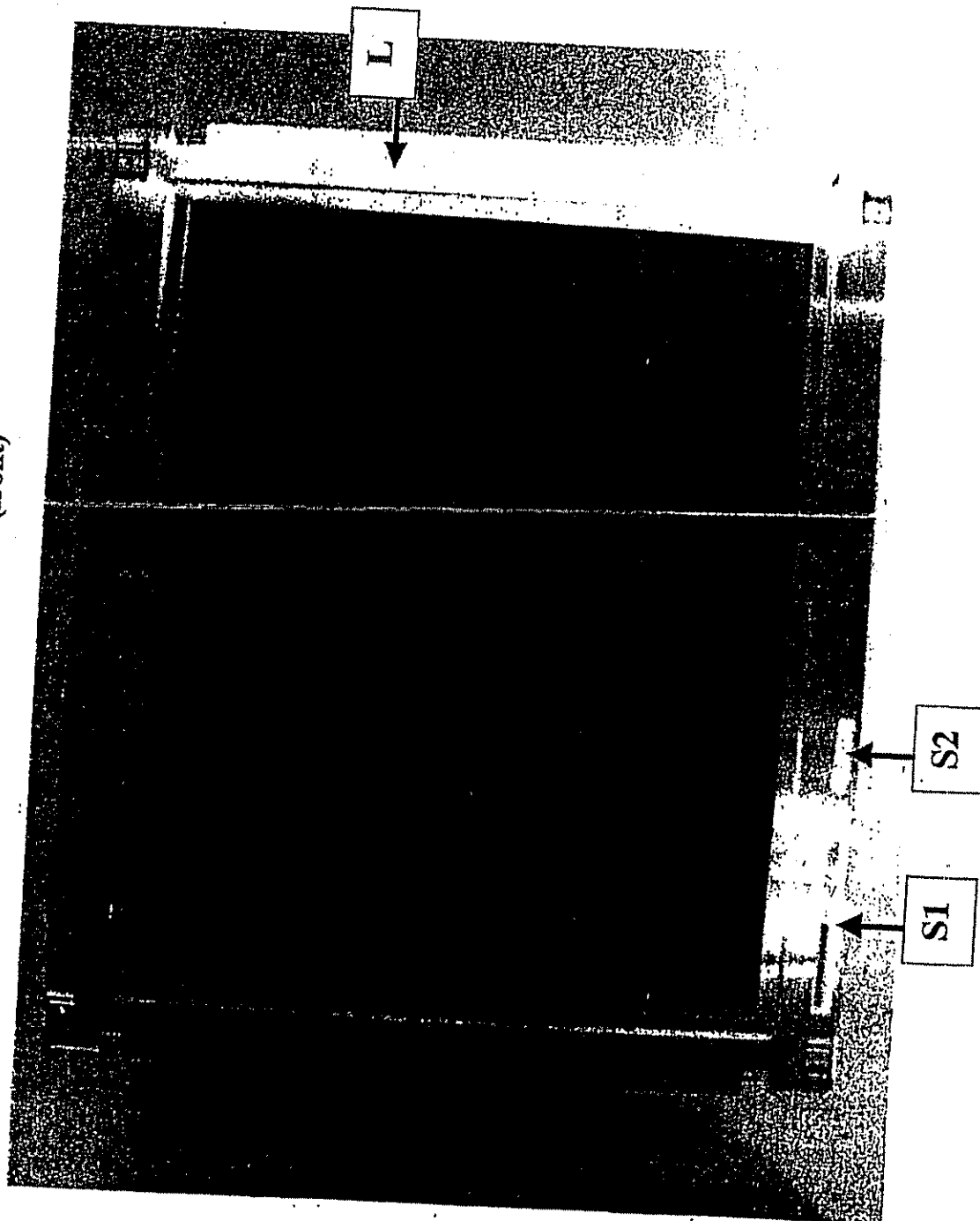
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LCD MODULE H (rear)

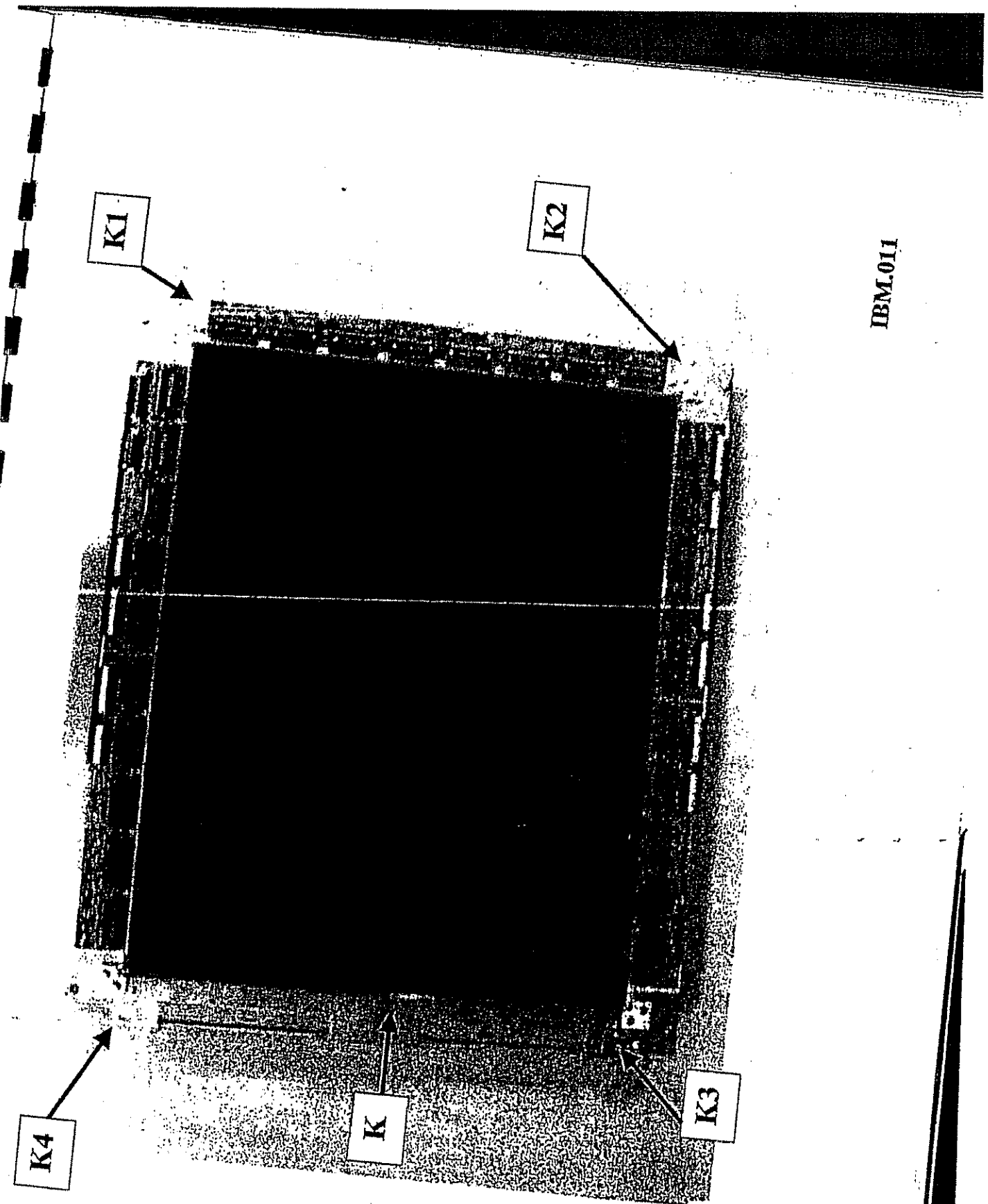


IBM.009

LCD MODULE H (front)



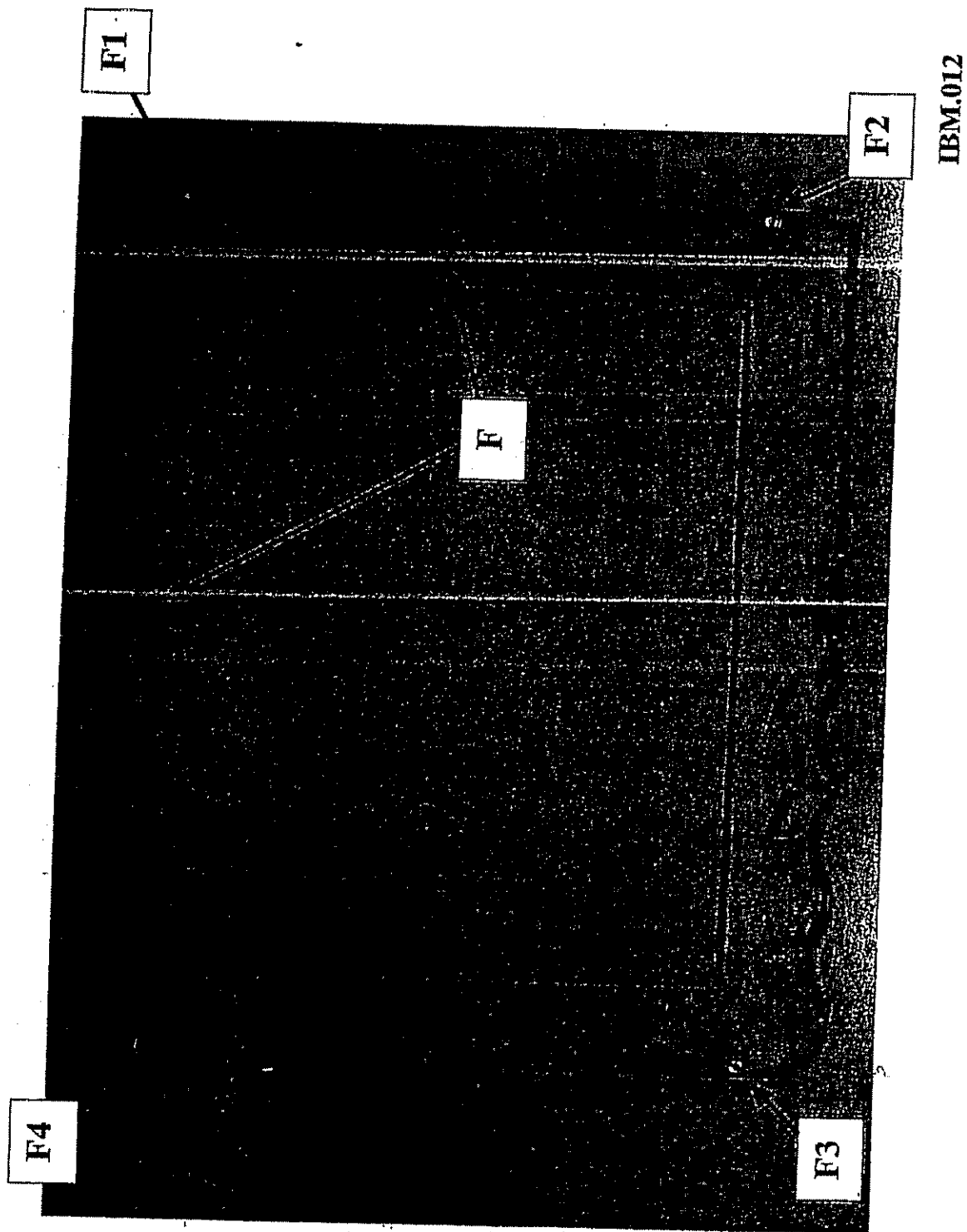
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IBM.013

